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PUBLIC WORKS, SUPPLY AND SERVICES

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PUBLIC WORKS, SUPPLY AND SERVICES

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PUBLIC WORKS, SUPPLY
AND SERVICES

Office of the Minister

131 Legislature Building, Edmonton, Alberta, Canada T5K 2B6 403 / 427-3666

March 1987

The Honourable Helen Hunley
Lieutenant-Governor of the Province of Alberta
3rd Floor, Legislature Building
1 Legislature Grounds
Edmonton, Alberta
T5K 2B6

Your Honour:

The undersigned has the honour to submit the Annual Report
of Alberta Public Works, Supply and Services for the fiscal
year ending March 31, 1986.

Respectfully submitted,

Ernie Isley

Attachment



PUBLIC WORKS, SUPPLY
AND SERVICES

Office of the Deputy Minister

6950 - 113th Street, Edmonton, Alberta, Canada T6H 5V7 403 / 427-3921

March 1987

Honourable Ernie Isley
Minister, Public Works, Supply and Services
131 Legislature Building
Edmonton, Alberta
T5K 2B6

Sir:

I have the honour to submit the Annual Report of
Alberta Public Works, Supply and Services for the fiscal
year ending March 31, 1986.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read "N.M. Fleming".

N.M. Fleming, F.R.A.I.C.
Deputy Minister

Attachment



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HISTORICAL PERSPECTIVES

- 1906 • Department of Public Works created.
- 1912 • Local Improvement Act transferred to Department of Municipal Affairs.
 - Telephone Branch transferred to Department of Railways and Telephones.
- 1916 • Provincial Institutions transferred from the Provincial Secretary.
- 1920 • Coal Mines transferred to the Provincial Secretary.
- 1922 • Administration of Drainage Districts transferred to Department of Railways and Telephones.
 - Government Employment Bureau operated jointly by the provincial and federal governments transferred from the Provincial Secretary to Department of Public Works. In 1935 it transferred to Department of Trade and Industry.
 - A Commissioner of Labour appointed to administer the Boilers Act.
- 1927 • Public Works administered the Public Vehicles Act.
- 1935 • Administration of the Boilers Act transferred to Department of Trade and Industry.
- 1936 • Public Service Vehicles Act administered by the Highway Traffic Board.
- 1937 • Boilers Act again transferred to Public Works.
- 1948 • Provincial Institutions transferred from Public Works to Attorney General's Department.
- 1951 • Highway construction became a responsibility of the newly created Department of Highways.
 - Public Service Vehicles Act transferred to Department of Highways.
 - Surveys and construction and maintenance of bridges transferred to Department of Highways.
- 1953 • Boilers Act transferred to Department of Industries and Labour.
- 1967 • Design and construction of university buildings transferred to Boards of Governors.
 - Maintenance of three agricultural and vocational colleges, located at Olds, Vermilion and Fairview, transferred from Agriculture to Public Works.
- 1968 • Rental of government-owned residences located at mental institutions and gaols transferred to Alberta Housing and Urban Renewal Corporation.
- 1969 • Grants program to municipalities for construction of swimming pools transferred to Department of Youth.
- 1975 • Operating and Maintenance Division transferred to new Department of Government Services.
 - Housing responsibilities added to create new Department of Housing and Public Works.
- 1982 • Housing responsibilities transferred to a new Department of Housing.
 - Public Works responsibilities amalgamated with those of the Department of Government Services to form a new department of Public Works, Supply and Services.
- 1983 • Translation Services transferred from Department of Culture to Public Works, Supply and Services.
 - Land Assembly transferred from Department of Environment to Public Works, Supply and Services.
- 1984 • Design and construction of Alberta Hospital, Edmonton and Ponoka, transferred to individual boards.
- 1985 • Metric Conversion Branch phased out and responsibilities transferred to Departments.
 - Translation Services transferred to Federal and Intergovernmental Affairs.

RELEVANT STATUTES:

The Architects Act
 The Engineering Geological and Geophysical Professions Act
 The Crown Property Municipalities Grants Act
 The Public Works Act administered jointly with the Minister of Transportation
 The Public Works, Supply and Services Act

CAPITAL DEVELOPMENT

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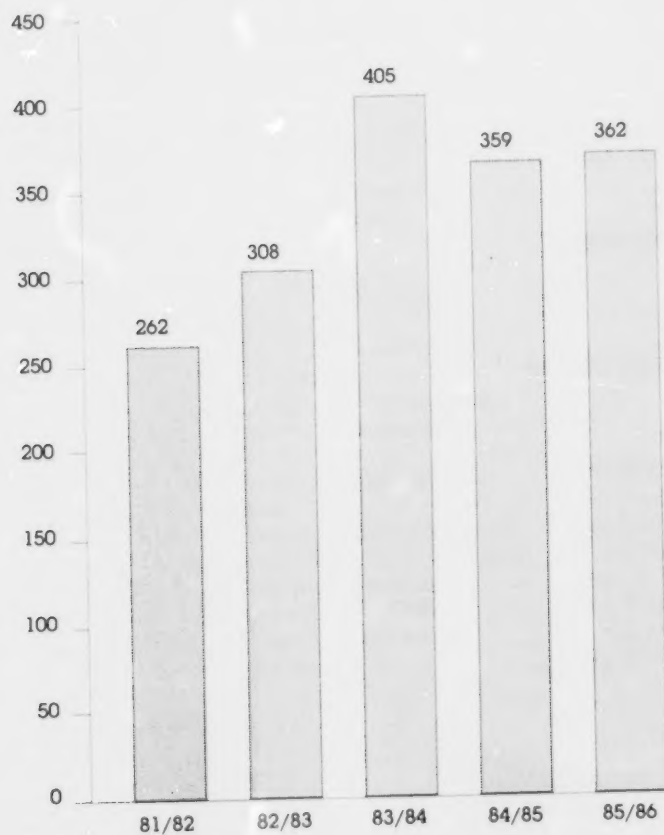
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Capital Development

Capital Development is responsible for all capital projects under the Vote 4 (Planning and Implementation of Construction Projects) Program, and oversees the planning, design and construction of facilities for government departments and agencies. The organization consists of the Assistant Deputy Minister's Office, Construction Division, Cost Control and Analysis Division, Project Management Division, Site Development Division and Technical Services Division.

Capital Development utilizes private consultants and contractors to carry out the work required for all phases of specific projects. During the 1985-86 fiscal year, 369 consulting firms were commissioned, 362 construction contracts awarded and 331 construction projects were completed. A cash flow of \$171,754,098 was expended against Vote 4 projects. An additional \$11,844,479 was spent on projects which fell outside the jurisdiction of Vote 4. These included the development of special-purpose leased space, outlets for the Alberta Liquor Control Board, Treasury Branches, and projects for the Alberta Heritage Savings Trust Fund.

Fiscal Year Comparisons
(Vote 4 Projects)



Highlights of the Vote 4 Program for the year reviewed are as follows:

Expo '86 – Vancouver

Construction on the Alberta Pavilion started in January 1985, and was completed in February 1986, to accommodate the exhibits by Public Affairs Bureau. The total project cost was \$5,940,000.

XV Olympic Winter Games – Calgary, 1988

The Olympic Project Management Team continued to manage the Olympic Alpine Venue, Nakiska, and the Olympic Nordic Centre, Canmore. Construction was ahead of schedule, and completion by the fall of 1986 was assured, including commissioning of the Olympic Trails.

Performing Arts Centre – Calgary

Calgary Branch personnel, with the support of the Cost Control and Analysis Division, provided project management services to the Calgary Centre for the Performing Arts, to ensure that the project was completed on schedule and within the approved budget of \$80,000,000.

Coal Research Centre – Devon

This centre was officially opened on September 15, 1985, at a total project cost of \$20,000,000. Contract documents were under way for the fitting-out work for the High Head Laboratory.

Alberta Vocational Centre – Lac La Biche

The new campus and student housing were officially opened on November 14, 1985. The total project cost of the campus was \$31,870,000.

Tyrrell Museum of Palaeontology – Drumheller

A research centre and museum for palaeontological resources was officially opened in September 1985, at a total project cost of \$21,750,000.

Blood Transfusion Services Building – Edmonton

The new facilities for the housing of Red Cross Blood Transfusion Services were completed in September 1985, at a total project cost of \$15,200,000.

Project Management Division

The Project Management Division provides professional and technical services in planning and managing capital projects for other government departments. It also provides project management services to government agencies and boards.

The division consists of three entities: Project Management, Edmonton; Project Management, Calgary; and Specifications and Standards Branch. Reports from each of these follow, together with details of work undertaken for various government departments and agencies.

During the 1985-86 fiscal year, Project Management, Edmonton, processed 241 capital works projects. Total expenditures were in excess of \$171,000,000, distributed between client departments as follows:

Advanced Education	\$ 3,232,635
Agriculture	3,290,711
Attorney General	15,268,829
Culture	18,910,065
Education	1,237,264
Energy and Natural Resources	9,870,897
Environment	1,386,291
Executive Council	15,264,507
Hospitals and Medical Care	1,472,393

Manpower	2,791,872
Public Works,	
Supply and Services	41,500,418
Recreation and Parks	1,048,395
Social Services and	
Community Health	6,825,535
Solicitor General	22,602,730
Tourism and Small Business	1,153,200
Transportation	4,375,417
XV Olympic Winter Games 1988	21,522,939
	<u>\$171,754,098</u>

During the 1985-86 fiscal year, 88 prime consulting firms were commissioned for 126 new projects. In addition, 115 projects involving 85 prime consulting firms were continued from 1984-85.

Funds paid out totalled \$10,843,423, which included fees and expenses, costs of tests and other services. Architectural, engineering and special consultant firms under commission by the Project Management Division are shown in Appendix 1.

Project Management, Calgary

Project Management, Calgary, is responsible for providing professional and technical services in planning and managing assigned capital projects. During the 1985-86 fiscal year, 61 capital projects totalling \$37,843,000 were managed, together with four Treasury Branch projects totalling \$820,000.

For the 1985-86 fiscal year, 49 consulting firms were commissioned for the design and planning of 65 projects. The expenditures paid to consultants amounted to \$3,966,377. These included professional fees, expenses, surveys, tests, and related services.

For the convenience of bidders, Project

Management, Calgary, also provided a tender administration service for projects located in the province's southern region and managed by Project Management, Edmonton; Site Development Division; Kananaskis Country; Property Management Division and by the Calgary office itself. In total, 143 projects were processed.

The 61 major projects undertaken included the XV Olympic Winter Games; Performing Arts Centre, Calgary; Court House, Medicine Hat; Old Court House, Calgary; Court of Queen's Bench, Calgary; Southern and Northern Alberta Jubilee Auditoriums, Calgary and Edmonton; Alberta Pavilion at Expo '86, Vancouver; McDougall School, Calgary.

Projects for Departments

Advanced Education

Planning commenced for the provision of student Family Housing for the Alberta Vocational Centre, Grouard. A code upgrading scheme was also commenced on this campus. The Alberta Vocational Centre in Lac La Biche was officially opened on November 14, 1985, and planning was completed for the Single Student Residence block.

Agriculture

Renovations initiated on the O.S. Longman building were complemented by the completion of the Chemical Storage and Support Services Facility.

Minor improvements were continued at the Alberta Tree Nursery and Horticultural Centre, Edmonton, and at the Alberta Horticultural Research Centre, Brooks.

Alberta Alcoholism and Drug Abuse Commission

Design work continued on a 50-bed treatment centre in Grande Prairie to serve the northwest region of the province.

Alberta Liquor Control Board

A construction program continued in 1985-86 with the completion of stores at Crossfield, Edmonton (Beverly and Callingwood), and Okotoks. Also, tenders were received for projects at Canmore, Cochrane, Grande Prairie, Rocky Mountain House and Tofield. Occupancy was scheduled for late 1986.

Construction is continuing on projects at Provost and Sylvan Lake with openings scheduled in May 1987. Planning is proceeding on four additional stores to be tendered in early 1987.

Attorney General

A program continued for the upgrading of court facilities throughout the province, in response to the recommendations of the Kirby Commission.

Alberta Public Works, Supply and Services has responded to this upgrading program in the following manner:

		Under Completed Construction
1. Construction of new		
Court Facilities:		
a. Courthouses	26	2
b. Provincial Buildings	26	2
2. Upgrading of Existing		
Facilities:		
a. Courthouses	9	2
b. Provincial Buildings	28	2
3. Construction of Interim		
Facilities:		
a. Pre-built facilities		
(trailers)	5	2
b. Government-owned		
buildings	4	-
c. Leased space	6	-
4. Upgrading of Interim		
Facilities:		
a. Pre-built facilities		
(trailers)	1	-
b. Government-owned		
buildings	-	-
c. Leased space	-	2

Court House, Medicine Hat: Scheduled for completion in the spring of 1986 at a tender cost of \$10,598,000.

The Old Court House, Calgary: Being renovated for the Court of Appeal, tendered in July 1984 for \$6,193,000, and scheduled for completion in April 1986.

The Court of Queen's Bench, Calgary: Renovations tendered in October 1985 for \$7,505,000, and scheduled for completion in June 1987.

Culture

Palaeontology Field Station, Brooks: Planning was completed for the construction of a new facility to provide research, information and interpretation of Palaeontological Resources at the Dinosaur Provincial Park at a project cost of \$2,100,000. Construction is scheduled to commence during the spring of 1986.

Tyrrell Museum of Palaeontology, Drumheller: Construction of this Museum and Research Institute was completed in 1985, at a cost of \$21,750,000. This facility was opened to the public in September 1985.

Ukrainian Cultural Heritage Village, Elk Island Park Vicinity: Work at this cultural centre consisted of renovations and upgrading of the visitors' reception centre, improvements to the roads and to landscaping. All work is scheduled for completion during 1986-87. The total project cost, from its inception, is \$3,760,000.

Reynolds Alberta Museum, Wetaskiwin: The first phase of this project was completed. Work consisted of the construction of a storage facility for the temporary housing of the Reynolds Collection, now under the care and responsibility of Alberta Culture. The cost of this work is \$1,600,000.

Northern & Southern Alberta Jubilee Auditoriums: Work is being phased over three years for upgrading of the miscellaneous interior works, including heating and ventilation. The exterior cladding is retrofitted and all projects are scheduled for completion by the winter of 1986. The total project cost of all improvements is \$14,380,000.

Glenbow Museum: Tenders are to be called in August 1986 for upgrading and expansion of the Artifacts and Fumigation Area. Estimated cost is \$1,600,000, and completion is expected by spring 1987.

Education

Renovations to the Alberta School for the Deaf, Edmonton, continued. They included renovations to assist the physically handicapped, an elevator, and code upgrading. Planning commenced to relocate the School Book Branch into the supplies warehouse at 12360 - 142 Street, Edmonton. The renovations include new boilers.

Energy and Natural Resources

Pine Ridge Forest Nursery, Smoky Lake: Phase II and III, repair to the reservoir liner and liner protection, was tendered in February 1986 for \$440,000 and will be completed in 1987. The

Greenhouse upgrading and glazing replacement contract was tendered in March 1986 for \$455,000 and will be completed in September 1986.

Fish and Wildlife District Warehouses: The program to develop new facilities and upgrade existing ones continued. Sites were acquired and contract documents initiated for prototype facilities in Fox Creek, Medicine Hat and Spirit River. Upgrading commenced in Blairmore, Camrose, Cochrane, Ponoka, Red Deer, Stettler, Stony Plain (Fallis Cabin), and Wetaskiwin. Site improvements for Lambton Park, Edmonton, were completed in 1985 at a cost of \$124,619. A cold storage facility for Edmonton was tendered in March 1986 for \$59,348.

Cold Lake Fish Hatchery: Work initiated in 1983 continued. Contract No. 2 — Walleye Ponds, tendered in 1984 for \$1,334,646 was completed in 1985. Contract No. 2 — Hatchery Facilities and related work, was tendered in April 1985 for \$7,244,497 and will be completed in 1986.

Eric Cormack Centre, Edmonton: Renovations were completed in 1986 at a cost of \$86,036.

Alberta Forest Service Depot, Edmonton: Office renovations for the 2nd floor were tendered in March 1986 for \$59,568 and will be completed in summer 1986. Mechanical upgrading for garage and equipment development was tendered in March 1986 for \$73,791 and will be completed in late summer 1986.

Forest Headquarters: Upgrading was initiated in Calgary (Bow Crow) — Carpenter Shop, Fort McMurray (Athabasca) — Handicapped Access, and Grande Prairie — Pilot Storage Building and Water Service.

Environment

Development of the Alberta Environmental Centre at Vegreville continued with the completion of the waste incinerator project and the Inhalation Toxicology Laboratory.

Executive Council

Pavilion at Expo '86, Vancouver, was started in March 1985 and completed in February 1986.

Alberta Research Council, Millwoods, Edmonton: Construction continued for the implementation of a \$52,600,000 New Laboratory and Research Centre. This facility will also house the head office and head of administrative functions for Alberta Research Council. Completion is scheduled for the summer of 1986.

Alberta Research Council, Clover Bar: Remaining work commenced on a new Research and Support Centre for major frontier technology programs. The projected cost of this centre is \$7,900,000. Construction is scheduled to commence during the fall of 1986. Planning also commenced on renovations to the pilot plant and laboratory building to improve the performance of installations. Construction is expected to commence during 1986-87.

Devon Coal Research Centre: This facility was officially opened on September 15, 1985. With the completion of the High Head Laboratory contract, documents were commenced for fitting-out to meet Alberta Research Council's requirements.

Rescue Training School, Edmonton: Renovations of a leased school were completed in this jointly funded venture with the federal government. The Rescue Training School is a unique facility within Canada, having a telpher tower, collapse sets and lecture facilities. Total project cost is \$2,300,000.

Hospitals and Medical Care

Blood Transfusion Services Building, Edmonton: A new facility was completed during 1985-86 for the housing of the Red Cross Blood Transfusion Services, at a total project cost of \$15,200,000.

Manpower

Alberta Opportunity Corps facilities were completed at Ardmore, Lac La Biche and Rocky Mountain House. Facilities at High Level (in conjunction with Fairview College) and at Slave Lake were tendered and construction commenced.

Public Works, Supply and Services

John E. Brownlee Building, Edmonton: Construction of a new inter-departmental office complex was completed at a total cost of \$57,000,000. This complex is occupied by the following departments: Attorney General, Solicitor General, Consumer and Corporate Affairs, and Land Titles.

Office Building, Calgary: Renovations to McDougall School and New Park continued. Phase II landscaping was completed in September 1985. The main building is scheduled for completion in 1986. Total project cost is \$32,600,000. This includes \$20 million for purchase of land and building.

Provincial Buildings: Construction was completed on the new provincial buildings at Morinville and St. Albert, and continued on the new provincial building at Edson.

The design for a new provincial building at Provost was completed and tenders received in March 1986. The total project cost is \$3,500,000.

Recreation and Parks

The shorefront development of Elkwater Lake at Cypress Hills Park was completed.

Design was completed and construction initiated on the Regional Parks Workshop, Lac La Biche, with completion expected in late 1986.

Social Services and Community Health

Baker Centre, Calgary: The design development was completed for a 30-bed unit for the medically dependent handicapped and nine new 6-bed homes. A new facility for the day care centre

program and a new 6-bed group home to replace an existing residence were being planned. Total project cost is estimated to be \$12,875,000.

Five new group homes being constructed in various locations in Calgary were tendered for \$1,199,000 in May 1985, and are scheduled for completion in the summer of 1986.

Claresholm Care Centre: A long-range development plan is being prepared. Replacement of Starholm unit at a total project cost of \$3,800,000 is anticipated by May 1987.

Single Men's Hostel, Edmonton: Planning was completed for renovations required for compliance with the building and fire codes. Construction is scheduled to commence in 1986.

Westfield Centre, Edmonton: Planning has been completed for renovations and improvements to the Diagnostic and Assessment Unit, and for improvements to the exterior envelopes of various other buildings.

Michener Centre, Red Deer: Planning for the upgrading and preservation of the physical plant at selected buildings at this centre has commenced. The program is intended to provide adequate environmental, structural, mechanical and electrical systems.

Rosehaven Care Centre, Camrose: Contracts were awarded and construction undertaken for upgrading various components of the existing buildings at this centre. The total cost of renovations is in excess of one million dollars. In addition, programming and planning commenced for extensive new replacement facilities estimated at \$18,000,000.

Solicitor General

A capital works program to provide facilities pursuant to the Young Offenders Act consists of the following projects: Young Offender Centre, Calgary: A 112-bed Secure Custody Centre at a projected cost of \$18,200,000. Planning has been completed, and construction is scheduled to start in the spring of 1986.

Young Offender Centre, Edmonton: Planning commenced for a 120-bed Secure Custody Centre located in northwest Edmonton, at a projected cost of \$22,700,000. Construction start is scheduled for the summer of 1986.

Pending construction and completion of the new Young Offender Centres, renovations were completed for the temporary housing of young offenders in Calgary, Edmonton and Strathmore. The total cost of these projects is \$4,500,000. These facilities were completed for occupancy in 1985.

New Correctional Centre, Fort Saskatchewan: Construction started in the fall of 1985 for the replacement of the Old Saskatchewan Correctional Centre. The new centre will house 360 medium security inmates in campus-style facilities. Construction will consist of 25 separate sequential contracts. Completion is scheduled for the spring of 1988, at a total project cost of \$60,500,000.

Medicine Hat Remand Centre: Construction commenced during the summer of 1985 on a new \$14,200,000 centre, to accommodate persons detained or remanded prior to sentencing, including secure-custody young offenders. Completion is scheduled for spring 1987.

Red Deer Remand Centre: Construction commenced in the summer of 1985 on detention and remand facilities to house 96 offenders. The total project cost will be \$17,200,000. Completion is scheduled for the spring of 1987.

Tourism

A Travel Information Centre at Lloydminster was completed.

A Travel Information Centre at Canmore was tendered in July 1985 and will be in operation by May 1986.

Planning studies were under way for centres at Milk River and Walsh.

Transportation

Land purchase negotiations were undertaken for major new facilities at Brooks and Hanna. New transportation depots at Donnelly and Sherwood Park were completed in the spring of 1986.

An existing facility at Innisfail was purchased and construction commenced on renovations and ancillary buildings in February 1986. Total project cost is \$1,000,000.

The design of a new combined maintenance and repair facility at St. Paul was completed and ready for tender at year end. The total project cost is \$4,200,000.

Treasury Branches

A new Treasury Branch was completed in La Crete and renovations were completed in High Level, Lac La Biche, Manning and Westlock. Renovations and upgrading were planned for branches at 11 other locations.

Specifications and Standards Branch

The Specifications and Standards Branch is responsible for departmental specifications policies and practices. The branch prepared the documentation related to bidding, contractual and contract administration requirements for all capital construction projects tendered by the department.

Maintenance and further development of the Master Specification continued. Rewriting of the mechanical and electrical components of the system progressed, with the assistance of specialist engineering consultants.

Cost Control and Analysis Division

During the reporting period, the Cost Control and Analysis Division provided cost planning, estimating and budgetary services in response to 618 requests from the various divisions and branches within Public Works, Supply and Services. This work was in addition to the annual ad hoc feasibility and build/lease studies, and task force involvement.

Select and Quotation tendering for minor and specialist building works drew bids from 714 contractors on a total of 198 projects, both figures being slightly up on the previous year.

Construction prices obtained on public works tendered projects increased by 6% over the previous fiscal year. Most of this increase was apparent during the third and fourth quarters of the reporting period.

Cost advisory services, statistical data and technical information were provided to other government departments and approved agencies on a request basis.

Cost consultants commissioned during the reporting period are listed in Appendix 1.

Construction Division

During the 1985-86 fiscal year, the Construction Division provided contract management on 347 capital construction projects throughout the province, with total payments of \$110,000,000.

Responsibilities for the division included initiating construction starts, controlling costs, and monitoring the quality of construction and construction schedules. The division was also responsible for providing input on scheduling during the design stage, and providing construction management services on large-scale, multi-year, phased projects.

In addition, the division received and administered 203 claims totalling \$2,833,937

which were filed under Section 14 of the Public Works Act.

As indicated in Appendix 1, 64 commissions were awarded to materials testing consultants. These totalled \$480,000.

Appendix 2 lists the contracts which were awarded during the 1985-86 fiscal year.

Appendix 3 lists the projects accepted during 1985-86. A number of these contracts were commenced in previous fiscal years.

(Appendices 2 & 3 include contracts awarded and projects completed by the Site Development Division.)

Site Development Division

During the 1985-86 fiscal year, the Site Development Division was involved in projects requiring 266 contracts, for a total value of \$9,500,000. These projects included:

- Site services and landscape development components of building facilities.
- Site locations and services development for early childhood education facilities.
- Development of miscellaneous site services, landscape development and municipal systems on project sites, as well as extension of local services to the sites.
- Upgrading or demolition of facilities and buildings in the Restricted Development Areas (Edmonton/Calgary).
- Management of consultants for site information surveys, construction surveys, legal surveys for land acquisition, materials testing services, hydrogeological services, video pipe inspection services, and municipal design assignments.

In total, 178 consultant commissions were ongoing and payments to consultants totalled \$1,005,247.

Also, the division's Administrative Branch provided clerical support services and financial control for provision of consultants to the capital programs of Kananaskis Country Recreation Plan and the 1988 Winter Olympics at Mount Allan and Canmore. For these programs, 33 consultant commissions were ongoing and payments to consultants totalled \$1,921,438.

The division was responsible for site information reports and made arrangements with municipal authorities and utility companies for off-site services and for completing municipal service agreements.

In addition, a consultative service was provided to other divisions in the department as well as to other government departments. This service involved the preparation of technical reports, assessments of utility systems, operation and maintenance reports, and the resolution of complex design problems in the site development discipline affecting projects assigned to consultants. Concept reviews were also conducted on consultant designs in order to assure adherence to government policies and standards.

Technical Services Division

The Technical Services Division provides technical expertise to the department in the fields of architectural, mechanical, electrical, structural, and geotechnical engineering. These services are provided through establishing design standards; conducting design reviews; producing technical reports, feasibility studies, technical opinions and advice; and minor designs.

Design standards are provided to design consultants at the concept stage of all projects. Through consultations with designers and review of all designs, the experience of the division's personnel is blended with the consultant's expertise to produce efficient and cost-effective designs.

Twenty-one formal technical reports, feasibility studies, and facility evaluations were provided, as well as numerous less formal reports and opinions.

Designs and construction inspections were provided for 60 projects, having a total construction

value of \$3,165,792. These were small projects with an average value of \$52,700. In addition, the division co-operated with the Site Development Division in the design and construction inspection of 43 projects having a total construction value of \$2,269,450.

The provision of all geotechnical engineering expertise to the department was achieved by hiring and managing consultants, who are listed in Appendix 1. In total, 52 reports were obtained.

The division's involvement in commissioning of the department's projects increased to the extent that a Commissioning Branch was conceived and the staffing process started. When this branch is implemented, it is believed that the transfer of the responsibility of a project from Capital Development to Properties will be achieved more systematically, and that problems experienced in the initial occupancy of a building will be greatly reduced.

FINANCE AND ADMINISTRATION

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Finance and Administration

Finance and Administration is responsible for providing central support services to the department as follows:

- Finance, including accounts processing, budget preparation and analysis, and financial control processes.
- Personnel, including recruitment, classification, pay and benefits, training and safety.
- Electronic data processing (EDP) systems, including planning and standards, and provision of project management expertise to line areas during development and implementation.
- General administration, including mail services, accommodation, telephones, parking, and records management.

Financial Services Branch

The Financial Services Branch is responsible for providing a full range of accounting and tender administration services for General Revenue and Heritage Fund activities of the department.

During the 1985-1986 fiscal year, the branch increased its accounts processing and tendering activities, while eliminating two permanent positions. Initiatives undertaken to improve processing of accounts and handling of tenders included:

- Realignment of the branch to improve accounting support for privatization and project-related activities.
- Participation in the design of the Financial Project System (FPS), a system which will be used to monitor and control project expenditures and non-project contract expenditures.
- Extensive preparation for implementing the new payment of accounts system (DFS/CFS), emphasis being placed on maximized use of system features and staff job enrichment.

- Development of financial control standards for delegating the responsibility for transaction verification, and for data entry activities associated with departmental projects, to decentralized financial support units.
- Initiation of a self-pay purchase order for vendors, designed to speed up payment of small dollar purchases.
- Elimination of fees associated with plans and specifications issued for departmental tenders.
- Increased use of private sector printing services; in excess of 25% of all plans and specifications are now printed in the private sector.
- Implementation of a microcomputer-based system for fixed asset control.

Key operational statistics are as follows:

Invoices processed	148,300
Accounts payable, average processing time	35 days
Projects tendered and closed	284
Plans and specifications issued	11,049 sets

Financial Planning Branch

The Financial Planning Branch is responsible for General Revenue and Heritage Fund financial planning processes, and for coordinating, analysing and making recommendations for the department's operating and capital budgets.

During 1985-86, planning began for the Financial Project System, which will be used for budgeting and expenditure tracking for all project-related activities in the department.

Departmental Financial System

The Revolving Fund was converted from the Alberta Financial Information System (AFIS) to the Departmental Financial System/Central Financial System (DFS/CFS) on February 1, 1986. The General Revenue Fund conversion followed on April 1, 1986. Although several problems associated with large volumes had to be overcome, both conversions were accomplished with a minimum of disruption.

Alberta Public Works, Supply and Services was the first large department to make the transition. The department now direct-data enters its own accounting documents and enjoys on-line screen access to many day-to-day records. A significant volume of manual records has been eliminated.

Revolving Fund Accounting Branch

The Revolving Fund Accounting Branch provides a full range of accounting services for all departmental activities funded through the Revolving Fund. These services include billing, accounts receivable and payable, statement preparation and budget analysis.

Management Services Branch

The Management Services Branch provides systems, records, library, publications and general service functions. During the 1985-86 fiscal year, emphasis continued on restraint and on using technology (e.g., data base, microcomputers and networks) to share information and achieve efficiencies.

Systems

During the year, the number of systems identified in the Departmental EDP Operational Plan was reduced to 122, largely through system consolidation. The total electronic data processing (EDP) budget remained constant at \$5 million. Major activities involved the increased use of microcomputers and preparation for the implementation of the Departmental Financial System.

Records and Library Services

All holdings of the Departmental Library have been entered on the newly acquired microcomputer database system, thereby improving managerial access to information. Service levels continued to rise during the reporting period: more than 7,000 items were loaned. In addition, 130 in-depth reference searches were carried out in support of the department's programs.

The Departmental Master File System Classification Plan was upgraded. Four areas were created for inactive storage, and automated lists of holdings were provided for each area. More than 4,000 cubic feet of records were removed from high-cost office areas, resulting in significant savings.

General Services

General Services continued to coordinate and provide general service functions on a department-wide basis. One large accommodation project involved the relocation of some Finance and Administration staff to College Plaza.

The monitoring of copier selection continued to produce equipment rental savings.

Publications

At the end of the fiscal year, the Publications Section was phased out. Most technical publications are now distributed directly through the private sector.

Personnel Branch

During the reporting period, the Personnel Branch provided general personnel services in the areas of classification, recruitment, employee relations, organization development, occupational health and safety, and payroll administration. In addition, the branch continued to focus on assisting line management with the department's downsizing and privatization initiatives.

Redeployment of employees to more essential positions continued to dominate branch activity. This resulted in a reduced permanent work force with minimal employee disruption. Where staff reductions left essential positions vacant, external recruitment was reintroduced on a limited basis.

Occupational Health and Safety management concentrated on managerial awareness, and on the interpretation of the Occupational Health and Safety Act and General Safety Regulations and their impact on operations. Activities included 115 worksite visits, 31 specialized training sessions, and four accident investigations.

Short-term courses dealing with supervisory development, employee development and personnel services continued to be in high demand. A total of 1,271 employees attended in-house training programs. An additional 796 employees attended courses offered by the Personnel Administration Office.

Comparative statistics on permanent positions in the department are shown in the following table.

	Total Positions at March 31	
	1985	1986
Minister's Office	5	5
Deputy Minister's Office	4	4
Finance and Administration	190	175
Information Services	723	605
Properties	1,746	1,585
Capital Development	205	201
Supply Management	397	371
Total	3,270	2,946

INFORMATION SERVICES

Trends and Directions 17

**Computer Systems
Division 18**

**Computer Processing
Division 19**

**Telecommunications
Division 20**

Information Services

The functions of *Information Services* are:

- To provide effective and efficient electronic data processing (EDP) and telecommunications systems, services and expertise to Alberta Government departments and agencies.
- To establish standards, practices and guidelines necessary to support the effective use of EDP and telecommunications systems and services within the government; and to monitor the application of these standards, practices and guidelines.
- To provide planning and coordination of EDP facilities and resources for the government.

The Information Services mission is carried out through three units: the Computer Systems Division, the Computer Processing Division, and the Telecommunications Division.

The Computer Systems Division provides government-wide planning and monitoring of EDP/automation initiatives; coordination of training, standards, common systems, quality assurance and the application of new technologies; and centralized application maintenance and support services for EDP and the office technologies.

The Computer Processing Division plans for and provides facilities and expertise to accommodate timely, accurate and effective computer processing and support activities to satisfy the government's data processing requirements.

The Telecommunications Division is responsible for the planning, servicing and management of all government telecommunications requirements.

During the 1985-86 fiscal year, Information Services directly administered an expenditure budget of \$108,750,000, of which \$49,730,000 was for EDP services provided through a revolving fund. The remaining \$59,020,000 covered telecommunications services for the government, as well as funding for such activities as systems monitoring, standards, and security.

Trends and Directions

Recent years have seen a significant shift in the use of the electronic data processing (EDP) dollar. At the start of the 1980s, government EDP spending was mostly on the purchase of shared resources, both processing and people. In the last few years, the money spent on shared resources has decreased; dedicated and end-user internal resources have increased dramatically.

Much of this shift is due to the introduction of new technologies which require that resources be closer to the end users, and under their immediate control. Microcomputers and word processors are proliferating throughout the Alberta Government, as they are in other governments and in private industry. They have high-level, 'user-friendly' languages. These allow non-EDP staff to do their own modelling and analytical processing, to develop personal applications.

The increased spending on internal resources is made possible, in part, by the significant price/performance improvements which have been occurring in the data processing equipment industry. A dollar today buys the user more than twice the processing cycles that it did just three years ago. That trend is expected to continue.

Another major trend is the emerging focus on the integration of data systems and resources to meet the department's needs for information exchange on a global scale. This contrasts with today's isolated systems, which can serve only the needs of a specified operational area.

Coupled with this demand for integrated systems is the demand for broader access to data in departmental databases. To date, technical problems have prevented the transfer of data between mainframe systems and microcomputers and word processors. Moreover, as these technical problems are overcome, other problems arise. Many of these concern the integrity and security of data.

In step with these trends is the recognition that,

in the development of large-scale systems, rigid initial specifications are no longer acceptable to users. The result is that prototyping is now common. Unfortunately, prototyping is a technique which lacks a common definition. Nor is it a methodology by itself. Departments are grappling with the conflict between providing users with flexible specifications while still maintaining control over the cost and quality of the finished product.

In telecommunications, the trend toward the use of digital technology is accelerating. This is due to the wider distribution of computing systems and the consequent need for more capability in computer communications.

A major international development that will influence telecommunications into the 1990s is the introduction of the Integrated Service Digital Network (ISDN). This is an infrastructure of local distribution, switching and transmission systems capable of carrying voice, data and video services over the same medium.

The International Telecommunications Union and other standards bodies are working in concert to implement a truly international system which will meet future requirements for digital services with unprecedented speed and reliability. Trials are being conducted now, and systems are scheduled for shipment in 1987.

The impact of large-scale integration and the use of digital technology continues to reduce the costs of most telecommunications hardware, leading to greater throughput capacity for circuits. At the same time, the trend to industry deregulation is driving down the price of many services to business users, as carriers eliminate historical value-of-service pricing principles that marked the monopoly era. This, in turn, is creating a backlash in the consumer area, where residential service, historically subsidized by business users, loses its protection.

Computer Systems Division

During the 1985-86 fiscal year, the Computer Systems Division implemented program and organizational changes on which a start had been made in the previous year. These changes, arising from privatization and decentralization initiatives, included the elimination of two branches (New Projects and Office Automation) and the transfer of another two branches (Financial Administration Systems and Production System-B) to the Treasury and Energy and Natural Resources departments. (These changes involved a corresponding reduction in the number of systems maintained from 121 to 65. See **Figure 1**.) The net result was a stabilization of the roles of the division's three remaining branches. These are as follows:

- The Planning and Policy Branch supports the department's mandate for planning and monitoring use of electronic data processing (EDP) by the Alberta Government. In this role, the branch:
 - Reviews annual departmental EDP plans.
 - Is responsible for EDP Practices and Guidelines, a manual which includes policies for usage on all aspects of EDP.
 - Monitors government use of EDP, and reports on trends and impacts.

The Systems Management and Coordination Branch:

- Develops EDP standards and coordinates training.
- Implements the shared use of software products throughout government.
- Maintains a program of security and quality assurance for EDP.

The Application Maintenance and Support Branch:

- Maintains and enhances major EDP systems on behalf of user departments.
- Supports government priority programs and initiatives.
- Provides resources that are available to augment departmental staff during periods of transition, change, or shortfall.

During the year, the following significant trends affecting the division were identified:

- In response to the need for restraint, a more aggressive search by government departments for opportunities provided by technology to improve productivity or find new approaches to doing business.
- Continued rapid growth in the use of office automation and new technology, particularly in the use of microcomputers.
- Continued shift toward more end-user computing.
- Continued growth in the number of staff needed to manage and support EDP use.

- More integration of traditional EDP, office automation, and telecommunications.

In response to these trends, the branches redirected a number of their efforts into fresh initiatives.

The Planning and Policy Branch placed particular emphasis on:

- Integrated strategic EDP planning by departments.
- Comprehensive monitoring of all aspects of EDP, including office automation and other new technology.
- Analysis and presentation of EDP activities and trends to assist in all aspects of EDP use in government, such as in policy setting, strategic planning, and the identification of cost-saving opportunities.

The Systems Management and Coordination Branch:

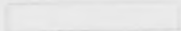
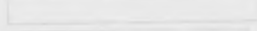
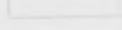
- Began a major review and enhancement of standards and guidelines.
- Extended its training program to address the distinct needs of the end user and the impact of new technology.
- Increased its involvement in cross-government systems and began an extensive examination of more systems that could be used effectively across multiple jurisdictions.

The Application Maintenance and Support Branch:

- Began a major retraining program designed to prepare the branch (1) to help end users; and (2) to make full use of the options available in newer technologies, particularly in microcomputers.
- Increased its support to end users.

Figure 1

Number of Systems Maintained
A Five-Year Comparison

1982		101
1983		119
1984		123
1985		121
1986		65

Computer Processing Division

The 1985-86 fiscal year saw the Computer Processing Division increase its volumes of service without a corresponding increase in costs, and with fewer staff.

The growth in processing volumes, which continues each year, is shown in **Figure 2**. In 1985-86, growth was particularly evident in Central Processing Unit (CPU) hours. This reflects a continuing shift by users to on-line systems and services.

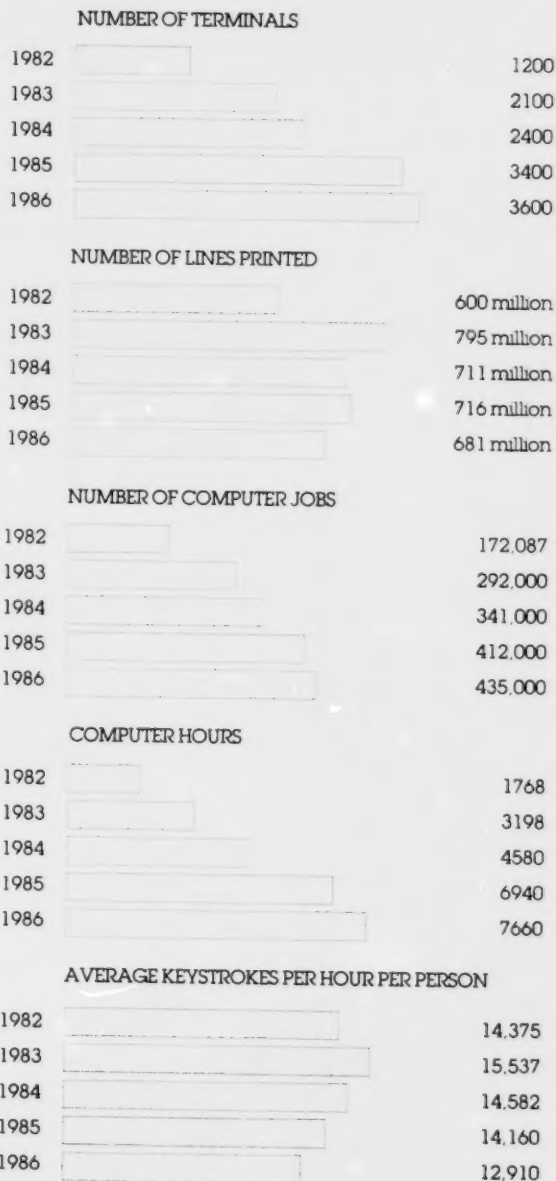
Significant numbers of peripherals, as well as enhancements to existing processors, were installed to accommodate increased workloads; major cost reductions were achieved for installed peripherals and processors.

The division's expenditures during the reporting period were \$44.2 million, a decrease of 2.2% from \$45.2 million in the 1984-85 fiscal year. At the same time, the growth in processing volumes, the shift to on-line usage and its higher values, and significant cost reductions for computer hardware combined to produce excess revenue. Accordingly, shared processing rates in 1986-87 are being reduced by 27%; further rate reductions are projected for 1987-88.

During the year, the new Maintenance Enforcement System was completed for the Department of the Attorney General. This major project had a demanding schedule. But it was completed on time and below budget for both development and operating computer processing costs.

The division's staff was reduced by 13 full-time positions. Downsizing in the data entry area was achieved by attrition; there were no layoffs. However, the departure of good operators in the past three years, through attrition and redeployment, has resulted in a drop in the average hourly keying rate. This can be seen in **Figure 2**.

Figure 2
Monthly Volume Comparisons



Telecommunications Division

Primarily due to the continued development of the province-wide multi-departmental mobile radio system (MDMRS), expenditures by the Telecommunications Division in the 1985-86 fiscal year increased to \$46.5 million. However, due to a cost-reduction program and the use of more cost-effective equipment, expenditures for local telephone service decreased by almost \$1.0 million.

At the end of the fiscal year, MDMRS was operational in 80% of its intended operating territory, and a 24-hour control service was operating for Highway Patrol and Fish and Wildlife field personnel.

A major organizational change was the transfer to the division's Network Management Branch of the Network Support Group from the Computer Processing Division. The move integrated the planning and operation of voice and data infrastructures throughout the province.

Modernization of the Alberta Government Network (AGN) continued. During the year, the Lethbridge consolidated centrex system was converted to digital service. This provides the same features already existing in Calgary, Red Deer, and Grande Prairie, and allows more efficient inter-city communication. Also, agreement was reached with Alberta Government Telephones to replace 25 obsolescent switchboards in rural locations.

New government switchboards were installed in the Alberta Research Council (Edmonton), in High Prairie and McLennan; major projects were completed in the new Medicine Hat Court House and in the Provincial Buildings at Morinville and St. Albert. In addition, the division's staff completed approximately 500 tenant improvement, 140 capital, and 300 user department projects of various sizes.

The AGN is now being used for dial-up and point-to-point data communication by a number of government departments. These departments thereby save long-distance charges and benefit from the economies of scale available through the integration of voice and data transmission. A map of the network is shown in this report as **Figure 3**.

To control costs, and to ensure that the AGN is used only on government business, work was begun on the development of a recording system which will track will calls placed on the network.

A joint project with the Department of Advanced Education was expanded, at minimal cost. This is the use of AGN in the evening, when it is largely idle, as a teleconferencing facility for adult education.

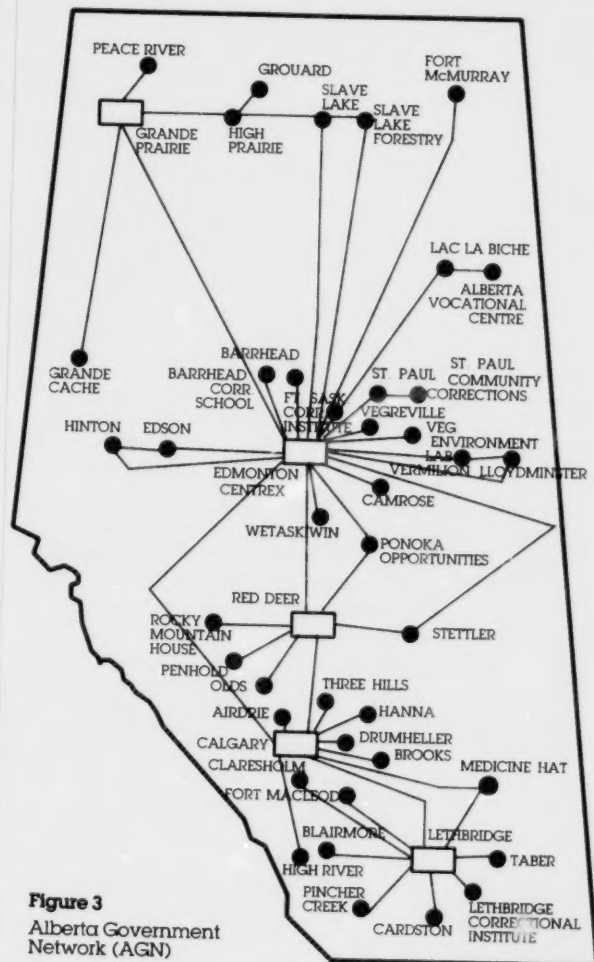


Figure 3
Alberta Government Network (AGN)

PROPERTIES

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Properties

The *Properties* organization is responsible for the planning, acquisition, disposal and management of land, buildings and related facilities owned by Alberta Public Works, Supply and Services. It is responsible for all land requirements of the Alberta Government, with the exception of Alberta Transportation and Alberta Housing. Properties manages the payment of grants-in-lieu of taxes under the authority of The Crown Property Municipal Grants Act.

During the 1985-86 fiscal year, Properties was directly responsible for the following budgets:

Vote 3 — Management of Properties	\$246,753,300
Vote 6 — Land Assembly	\$ 7,538,800
Capital City Park Land	\$ 1,000,000
Fish Creek Park Land	\$ 1,780,000
Irrigation Head Admin. Support	\$ 95,000
	<u>\$257,167,100</u>

The organization also provided full land planning and acquisition services to Environment Heritage programs and to the Alberta Government Land Purchase Fund. These had land acquisition budgets of \$1,560,000 and \$41,431,000 respectively.

The scope of Properties' responsibilities extends from support for comprehensive long- and short-term planning and implementation of the government's land requirements and general purpose office and warehouse space, to evaluation and maintenance programs designed to make the most economical and effective use of facilities throughout their life.

During the fiscal year, a new division and a new branch began operations. Both were staffed through the redeployment of existing personnel. The Property Contract Management Division, actually created in November 1984, became operational on April 1, 1985. Its mandate is to manage government-owned and leased facilities through the private sector. The first step in this development was the turnover to the new division of 200 628 m² of owned and leased space from the Property Management Division.

Also on April 1, 1985, the Land Planning and Management Branch was created and began operations in the Realty Division. Its mandate is to support the government's land acquisition programs for which Properties is responsible.

Reports from each of the five Properties' divisions follow.

Property Planning Division

The Property Planning Division is responsible for long- and short-term planning of departmental office and warehouse space requirements, designing and constructing tenant improvements in office and warehouse space, maintaining standards for office entitlements, and maintaining space inventories for the provincial government. During the 1985-86 fiscal year, expenditures on accommodation projects totalled \$12,131,159. These expenditures included tenant improvement construction of \$6,786,626, consultant fees of \$1,877,567, tenant improvement project furniture of \$2,502,487 and non-project furniture of \$964,479. The division's responsibilities are executed through the following branches:

Administrative Services Branch

The Administrative Services Branch consists of the following:

- Records Centre, which is responsible for maintaining the file inventory for all branches in the division.
- Financial Unit, which is responsible for coordinating the divisional budget; for preparing financial reports for divisional managers; and for maintaining financial control over all expenditures, a responsibility which includes processing orders and invoices for office furniture, consultants, operating budget expenditures and tenant improvement projects.
- Word Processing Unit, which is responsible for producing memoranda, letters and reports, using the division's word processing system.

Project Administration Branch

The Project Administration Branch is responsible for the construction of tenant improvements in leased and existing Crown-owned office and warehouse space.

The branch ensures that all assigned projects are completed within established schedules, scope and budget constraints. Responsibilities include establishing time frames, preparing tender packages, reviewing tenders and quotations, awarding contracts, conducting site inspections, and issuing acceptance letters on completed projects. Provision of contract moving services and coordination of telecommunications and computer services are also part of this branch's responsibility.

During the 1985-86 fiscal year, the branch managed 602 tenant improvement projects with a total expenditure of \$6,786,626.

Project Development Branch

The Project Development Branch plans and designs all general purpose office and warehouse accommodation for government departments and agencies.

Short-term activities include identification and assessment of space needs for departmental programs, and the allocation and design of general purpose office and warehouse space for multi-departmental use in urban and rural Alberta.

Long-term activities include 1) accommodation planning at the regional level; 2) policy inputs for build/lease decisions; and, 3) development of long-term space forecasts and recommendations for construction of office space, such as new provincial buildings and office complexes.

Office space requirements are satisfied within existing space, or through the acquisition of new leased space.

Other branch services include the provision of 1) standards and specifications for office space and furniture; 2) general and occupancy-fit programs for provincial buildings and all major office complexes; and, 3) space and parking inventory control systems.

Realty Division

The activities of the Realty Division fall into four groups: Grants-in-Lieu of Taxes, Leasing, Land Acquisition, and Land Planning and Management. Details of transactions during the 1985-86 fiscal year relating to grants-in-lieu of taxes, leases, land acquisition, and R.D.A (Restricted Development Areas) land acquisition are shown in the tables which follow the commentaries on each of the division's activities.

Grants-in-Lieu of Taxes

The division administers the Grants-in-Lieu of Taxes, Local Improvements Taxes and Business Revitalization Zone Taxes payments program for all Crown-owned property (grants are paid to lower-level governments in lieu of property taxes). The budget for 1985-86 was \$28,917,000.

Leasing

The Leasing Branch acquires leased space on behalf of all government departments, and undertakes related lease negotiation and documentation services. Similar services are provided to Treasury Branches and the Energy Resources Conservation Board.

Land Acquisition

The Land Acquisition Branch is responsible for the acquisition of all properties required for Alberta Public Works, Supply and Services, Alberta Environment, Alberta Energy and Natural Resources, Alberta Recreation and Parks, Alberta Utilities and Telecommunications, Treasury Branches and, in some cases, the Alberta Liquor Control Board. Disposals are undertaken on behalf of Alberta Public Works, Supply and Services, Treasury Branches, and, in some cases, the Alberta Liquor Control Board.

Acquisitions are funded through various sources including Vote 4, Vote 6, the Government Land Purchases Fund, the Alberta Heritage Savings Trust Fund (Alberta Public Works, Supply and Services, and Alberta Environment), Treasury Branches, and the Alberta Liquor Control Board. Lands are acquired for various government programs and projects. Also, in the 1985-86 fiscal year, the department purchased 11 properties in the Calgary Restricted Development Area and 12 properties in the Edmonton and Sherwood Park West Restricted Development Area. Approximately 60% of the land required for the Oldman River Dam Project was also acquired.

Land Planning and Management

The reporting period was the first year of operation for the Land Planning and Management Branch. It has two functional areas: (1) Land Planning, which includes responsibility for defining the land acquisition needs of other departments, for recommending budgets and for initiating projects with approved scope and time parameters for the Land Acquisition Branch; and, (2) Land Management, which prepares and administers all lease agreements for land in the Calgary, Edmonton, and Fort McMurray Restricted Development Areas.

The division's transactions in the tables which follow are compared with those for the previous fiscal year.

	1985-86	1984-85
Grants-in-Lieu of Taxes		
Number of claims	5,119	5,613
Amount of grants-in-lieu of taxes	\$28,605,444	\$25,987,599
Amount for local improvements	184,877	224,367
TOTAL	\$28,790,321	\$26,211,966

	1985-86	1984-85
Leases		
Number of rents payable and accounts receivable	1,307	1,282
Annual amount of accounts receivable	\$6,355,377	\$6,509,179
Annual amount of rents payable (including all lease costs)	\$77,291,209	\$82,929,915
Number of leases for Treasury Branches and Energy Resources Conservation Board	61	79
Annual value of Treasury Branches and Energy Resources Conservation Board leases	\$8,512,327	\$8,244,399

* Lease expenditures dropped compared to 1984-85 primarily as a result of the transfer of responsibility for the payment of operating and tax escalations to the Property Contract Management Division.

	1985-86	1984-85
Land Acquisition		
Vote 6	\$ 9,840,000	\$ 5,731,860
Land Purchase Fund (R.D.A.)	22,846,000	32,197,809
TOTAL	\$32,686,000	\$37,929,669

	1985-86	1984-85
R.D.A. Leases		
Number of accounts receivable	141	N/A
Annual amount of accounts receivable	\$438,220	N/A

Property Management Division

The Property Management Division is responsible for the management, operation and maintenance of government-owned and leased facilities. Services are provided through three geographical regions, a Security Branch, and a Divisional Support Branch. The three regions are shown in **Figure 4**. This figure also shows the distribution of government space operated by the division in the three regions.

At March 31, 1986, the division was responsible for 1 803 800 m² of owned space and 166 000 m² of leased space for a total of 1 969 800 m². During the fiscal year, 247 000 m² of owned space and 369 000 m² of leased space were transferred to the Property Contract Management Division.

Figures 5 to 8 on the next page show the owned space maintained by the division, owned space by major building type, an energy consumption analysis, and a summary of operating and maintenance costs in owned space by functional costing categories.

In addition to its responsibility for the management, operation and maintenance of government space, the division was involved in the following activities:

Security Services

A security office at Government Centre in Edmonton provided uniformed patrol services and security supervision of sites in the urban Edmonton area, as well as electronic monitoring of various locations in the province. Consulting services in all aspects of security were provided upon request to government departments.

Shops Services

During the 1985-86 fiscal year, Alberta Government Shops completed 1,853 projects; their value was \$1,606,000. Work for other government departments consisted of 487 projects with a value of \$487,000. Participation in all this work by the private sector was valued at approximately \$50,000.

Special Projects

In support of the department's conversion from the Alberta Financial Information system (AFIS) to the new Departmental Financial System (DFS), and introduction of the new Departmental Property Identification System, the Divisional Support Branch carried out a major training project with field offices located throughout the province. At the same time, the Building Management Information System (BMIS) for functional costing was revised to provide improved operational data.

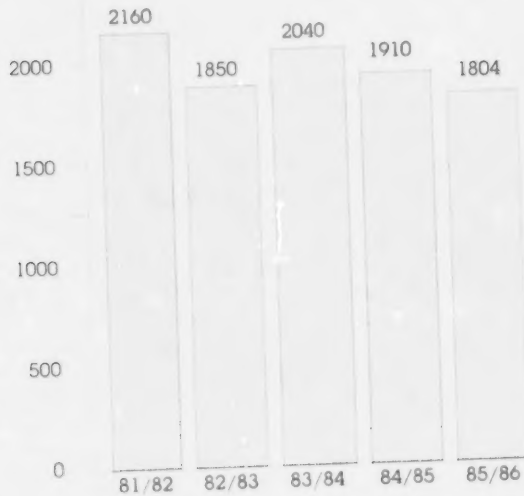


Figure 4
Property Management Regions
at March 31, 1986

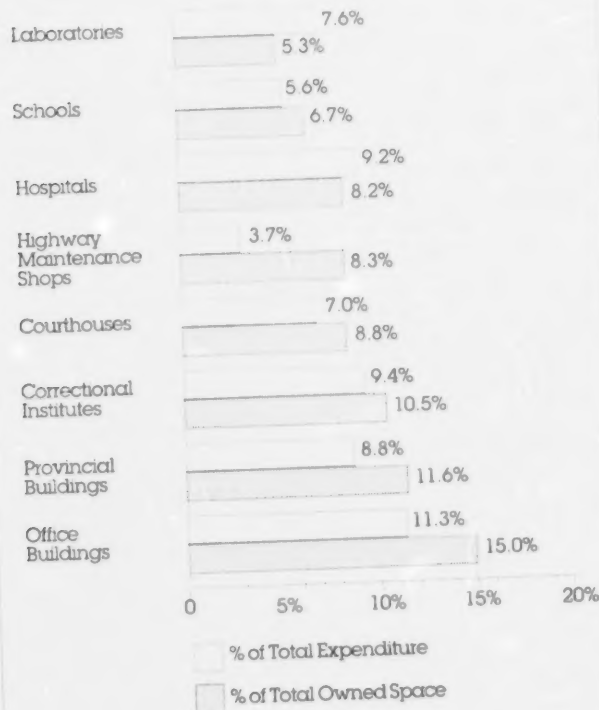
Figure 5

Owned Space
Maintained by the
Property Management Division

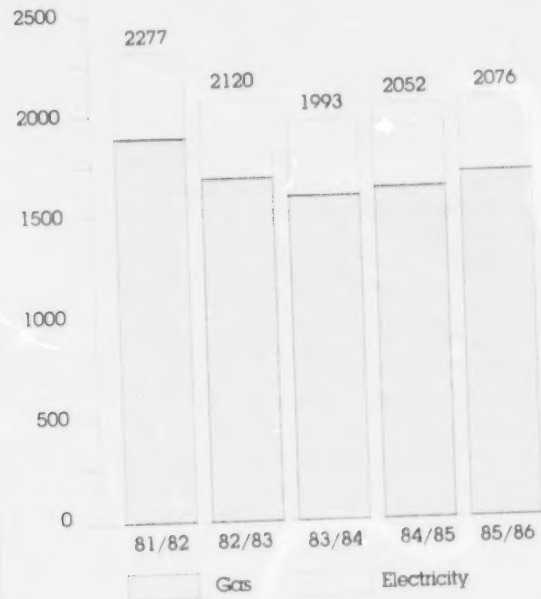
Thousands of Square Metres
2500

**Figure 6**

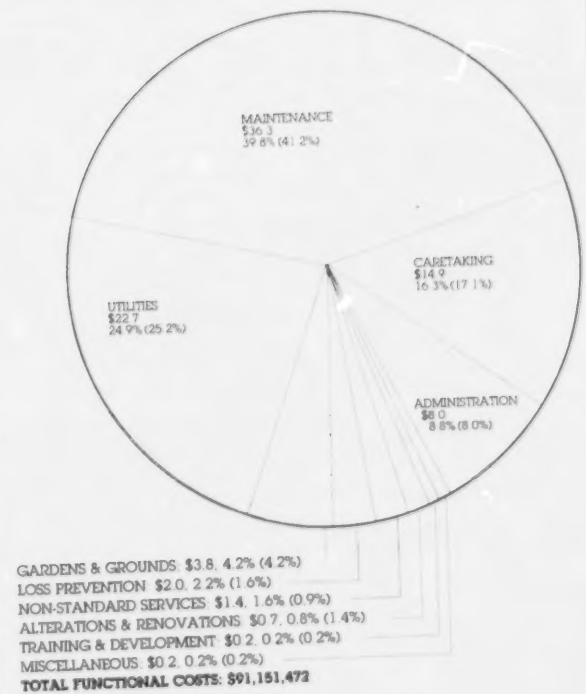
Owned Space by Major Building Types
Relative Cost and Size

**Figure 7**

Annual Energy Consumption in Owned Space
(in megajoules per square metre)

**Figure 8**

Functional Costs: 1985/86
Owned Space Only
(in millions of dollars: 1984/85 in brackets)



Food Services

Consulting on food services to other departments continued to grow. Meanwhile, contracts were renewed and retendered on existing facilities. The primary objective continued to be quality food and service at minimum cost to employees. Emphasis was placed on improved nutrition and its relationship to employee well-being in the workplace.

Custodial Services

Support to building managers and superintendents in tendering and awarding custodial contracts increased substantially during the fiscal year. At the same time, in support of privatization, 201 custodial contracts in government buildings are now in place. In addition, 103 Treasury Branches are now contracted to the private sector. The combined value of these private sector contracts is approximately \$3,000,000.

During the year, at the request of contract managers, inspections of contracted space were increased. Meanwhile, consulting services in all aspects of cleaning were provided in all government departments. Through workshops and site visits,

caretakers were brought up to date on equipment, chemicals and cleaning procedures.

Landscape Services

The division's landscape program was expanded to provide consulting resources and inspections to the Property Contract Management Division. Training programs also continued, with emphasis on pruning workshops, maintenance of naturalized sites, and contract management. Approximately 30 locations received assistance with site renovations and improvements.

Contract development and administration assistance was provided to the field staff of the Property Management Division. The irrigation program (run in conjunction with the department's Site Development Division) continued with 20 new sites being added to the 18 already in the program.

Liaison with the Project Management Division and user department's staff resulted in the development of maintenance programs for new as well as existing sites. The landscape unit's newsletter continued to be an effective channel for disseminating information and improving communication.

Property Contract Management Division

The Property Contract Management Division was set up on November 1, 1984, with responsibility for managing government-owned property through property management contracts and for managing leased property through lease agreements.

Owned Property

On April 1, 1985, 16 property management contracts, amounting to 170 628 m² of space, were transferred from the Property Management Division for total management.

During the fiscal year, 17 new property management contracts were tendered and awarded. These contracts covered 134 buildings, amounting to 247 264 m² of space, with a total contract value of \$12,225,835.

At March 31, 1986, 33 property management contracts were in place, amounting to 417 892 m² of space, with a total contract value of \$20,550,722.

These figures show that, at March 31, 1986, 17% of all government-owned space was being managed by contract.

Leased Property

On April 1, 1985, 30 000 m² of space was transferred from the Property Management Division for total management.

At March 31, 1986, the division was responsible for the property management of 791 payable leases (including 19 out of province), 516 receivable leases, and 68 leases for Treasury Branches.

During the fiscal year, 396 000 m² of space, representing 70.5% of the total managed by the division, was tendered for tenant services work; total contract value was \$3,179,144.

Total annual expenditure for leased property, other than rental payment and tenant services work, was \$7,253,713.

Facilities Performance Planning Division

On January 1, 1986, the Building Sciences Division was restructured and its name changed to the Facilities Performance Planning Division. Reasons for the change included the need to respond to an expanded mandate, and the requirement to provide resources to the two divisions now concerned with property management. The division's activities now fall into four groups: Building Sciences, Facility Evaluation, Facilities Management, and Energy and Control Systems.

Specialist Building Science resources are available to the department and, where appropriate, to other government departments and agencies. The division's Building Sciences Branch combines a number of disciplines: research, standards setting, and identifying and solving problems in new and existing facilities. In addition, close ties have been developed with the National Research Council. The objectives are to promote technology transfer, and to provide information to the construction industry which will generally help improve building quality.

The Facility Evaluation Branch completed 125 evaluations during the reporting period. Here, the objectives were to develop planned maintenance programs and highlight maintenance needs in government-owned facilities. The evaluation program was implemented through private sector consulting teams.

They utilized a data reporting format from which a comprehensive facility database can be developed. This will include the established Energy Consumption Reporting System for owned facilities. In total, 32 consultants were retained, the total fee being \$650,340.

Responsibility for implementing maintenance projects identified through Facility Evaluation is included in the division's mandate.

The Facilities Maintenance Branch provides technical and professional resources to the Property Planning, Property Management, and Property Contract Management divisions. During the 1985-86 fiscal year, more than 1,000 routine maintenance projects were addressed. To do this, 25 consultants were used, their work being managed by the branch's project specialists. Total fees for consultants were \$274,360.

The Energy and Control Systems Branch provides the department with:

- Standards and guidelines for the energy targets in new buildings.
- Retrofit energy targets for existing facilities.
- Automated control system strategies for new buildings.
- Priorities for upgrading existing facilities.
- Educational programs in the use of automated controls for operational staff.

During the reporting period, ten buildings were identified for automated control system retrofits; seven were identified for energy conservation measures. The objective in all cases is to improve energy efficiency and environmental conditions in government-owned facilities.

SUPPLY MANAGEMENT

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Supply Management

Supply Management is responsible for the delivery of a wide variety of materials and service management programs to government departments. These programs include procurement of materials and services, warehousing and distribution of common-use items, marketing of surplus materials, vehicle fleet management, office equipment maintenance, courier service, printing and duplicating, records management, air transportation, and advisory services in the areas of standards, specifications and quality assurance.

During the 1985-86 fiscal year, goals established in the preceding year were continued. They reflect the desire to reduce or downsize operations wherever possible and to identify opportunities to privatize functions where advantageous. Assessment of operations continued to determine where economies could be realized from amalgamation or elimination of activities, from streamlining or automation. Major emphasis was placed on the identification of opportunities to reduce or eliminate costs. The need to demonstrate sensitivity and helpfulness in support of the Alberta business community was reiterated.

As a result of initiatives taken in pursuit of these goals and objectives, staff was reduced by 21 (or 5%); as well, the transfer of activities to the private sector continued.

Further progress was made in streamlining operations and in making delivery of services more efficient. This made it possible to respond satisfactorily to the needs of program departments, while implementing cost-saving measures. The introduction of microcomputers to automate administrative functions continued, resulting in direct manpower savings and cost avoidance as well as more effective control. The automation of administrative and operational activities has made it possible to maintain service levels with fewer human resources.

Supply Management continued to support the Alberta supplier community. Information on how to deal with government was disseminated, and procedures were kept simple and straightforward. Supply Management also directs suppliers and facilitates their activities in matters relating to the payment of accounts. Product specifications favorable to Alberta suppliers continue to be established. As well, liaison with federal government officials was carried on to promote full use of Alberta suppliers in their purchasing activities.

Supply Management operates through two divisions: Procurement and Supply Operations. Reports from each of these divisions follow.

Supply Operations Division

The Supply Operations Division provides printing services, records management, vehicle leasing and maintenance, office equipment rental and repair, central courier and delivery, and asset disposal.

Translation Services, formerly a branch of Supply Operations Division, was transferred to Alberta Federal and Intergovernmental Affairs on April 1, 1985.

Printing Services Branch

The Central Duplicating Plant and two Quick Print Centres together provide integrated copying, duplicating and printing services to all government departments. The branch also advises users concerning the most cost-effective reproduction alternatives. During the reporting period, emphasis continued to be placed on redeployment and staff retraining in accordance with the overall objectives of privatization, downsizing, and productivity improvement.

The workload volume at the Central Duplicating Plant increased 3.9% with no increase in resources. The work contracted to the private sector remained at 92% of total government printing expenditures. Printing produced internally is directed to low-volume projects requiring short delivery service response, usually within six working days. The average value per order is \$270 and is generally uneconomical to tender. The plant's offset press and bindery facility were streamlined, substantially improving production work flow and material handling.

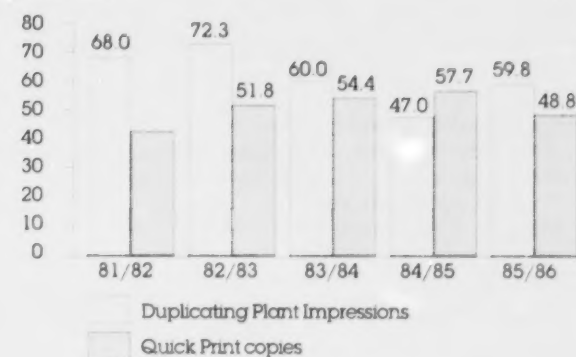
The Calgary Quick Print Centre was closed as a result of the move toward privatization. Manpower, equipment, and facilities were reduced accordingly. The workload at the two Edmonton Centres grew by 5.5%. This greater volume was handled without any staff increase due to improvements in automation and productivity. Also, the electoral listings, totalling 3.2 million copies, were completed at a significantly lower cost than previously. The average value per order within Quick Print is \$55; delivery service response is within eight working hours.

The Quick Print Centres continue to provide a cost-effective alternative to photocopiers and duplicators. An estimated \$1 million is saved annually through the use of this service. Functioning under the department's revolving fund financial system, all branch costs are tightly controlled. All cost increases experienced over the past two years have been absorbed; therefore, rates to the users have remained unchanged.

Figure 9 provides a five-year comparison of the number of impressions and copies produced by the branch.

Figure 9

Printing Services
Impressions and Copies Produced
(in millions)



Records Management Branch

The Records Management Branch manages and maintains centralized records storage facilities, providing storage of records in various forms, including microfilm, paper and computer. The branch also controls records retention and destruction.

The use of high-density storage, available through the Records Centre, saves over \$1 million annually on the cost of storing the same records in office space. The Records Centre has capacity for 187,000 cubic feet of paper records and 43,000 computer tapes. During the 1985-86 fiscal year, holdings increased by 16%, and comprised 120,000 cubic feet of paper records (64% of capacity) and 30,000 computer tapes (70% of capacity).

During the year, a new multi-year contract for private sector records storage facilities and services in Calgary was renegotiated. Currently, 14,300 cubic feet of paper records and 650 computer tapes are stored in Calgary for government departments located in southern Alberta.

Productivity standards were developed and implemented during the year. These standards have streamlined the process of storing and retrieving an increased volume of records at the Records Centre without a corresponding increase in staff. During 1985-86, retrieval and maintenance of records reached 209,591 actions and accessions reached 26,026 cubic feet.

Disposal of records totalled 92,569 cubic feet, an increase of 22% over the previous year. Disposal of records directly from departments increased significantly. An agreement with a private sector firm is in place to pulp the paper and use it in the

manufacture of roofing shingles. The destruction of records is monitored closely to ensure confidentiality.

Work continued on an automated file location system to further streamline storing and retrieving records. Also, the first phase of computerized indexing of all terminated employee files was implemented. This will greatly ease information retrieval for verification of pension contributions and prior service.

Figures 10, 11, and 12 provide five-year statistical comparisons for accessions, disposals, and requests for retrieval.

A significant development was the reintroduction of records management training courses. The aim of this program is to aid and promote sound records management throughout the government. During the year, nine courses were offered to 135 participants (482 training days) in subjects ranging from effective filing to proper disposal of records. The branch also has prepared reference manuals dealing with records management topics.

In accordance with privatization policy, source document microfilming was discontinued at the end of 1985-86. While some departments are continuing their in-house microfilming services, the potential annual benefit of this initiative to the private sector is \$250,000.

Records Management continues to research various technological systems as well as the use of automation in retrieving and storing records. Records Management also maintains and updates publications regarding the management and control of the records function on a government-wide basis.

Equipment, Courier and Surplus Branch

The Equipment, Courier and Surplus Branch provides government departments and agencies with equipment leasing and maintenance, mail delivery and asset disposal services. This is accomplished by using 18 work site locations and 127 employees.

Surplus Sales: Sales activity continued to be strong through the year, revenue increasing by \$2.0 million (or 30%) over the previous year. This increase is largely attributable to the sale of a computer on behalf of Information Systems for \$3.65 million.

Private sector auctions are now a major element in marketing surplus material. During 1985-86, 16 auctioneers sold goods totalling \$2.4 million; 619 vehicles were sold by auction for \$1.9 million. There were 186 truck loads of miscellaneous material shipped to auctioneers in rural Alberta.

The Abandoned Vehicles Disposal Project is handled by Surplus Sales on behalf of Alberta Solicitor General. The project includes administration of the towing, storage, and sale of abandoned vehicles throughout Alberta. In total,

Figure 10

Records Management
Accessions: Intake of
New Storage Material (in cubic feet)

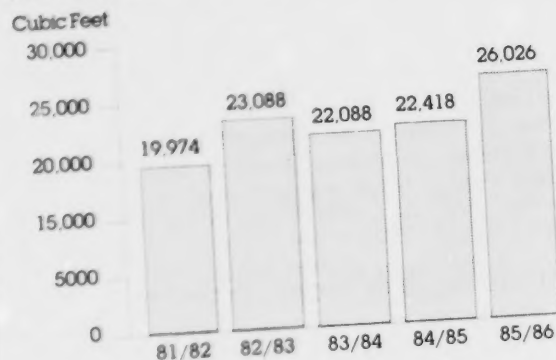


Figure 11

Records Management
Disposals (in cubic feet)

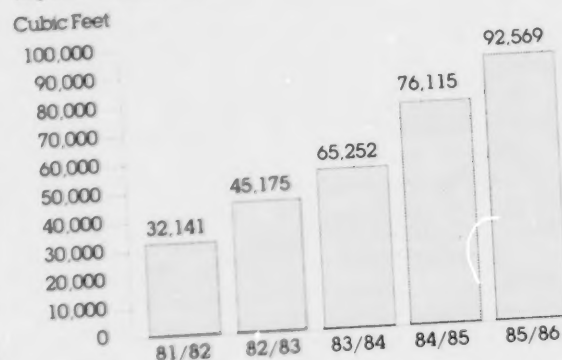
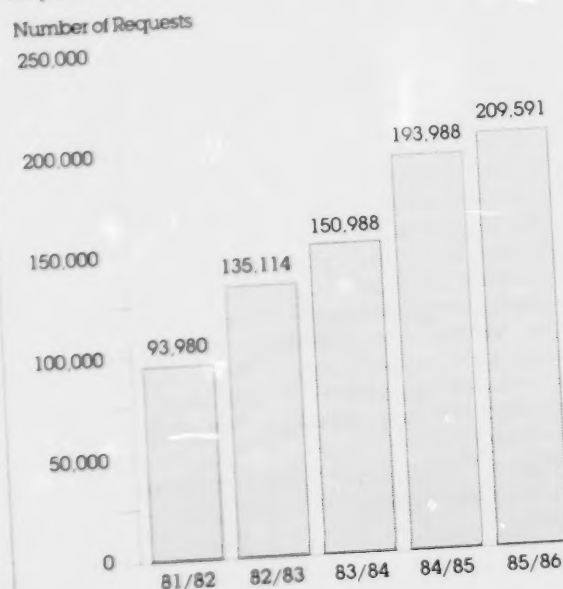


Figure 12

Records Management
Requests for Retrieval



5,149 vehicles were processed and sold under the project. Revenue exceeded expenditure by \$87,000.

Figure 13 in this report shows the sources of revenue from surplus sales during the reporting period; **Figure 14** provides a five-year comparison of total revenue from surplus sales.

Figure 13

Surplus Sales
Sources of Revenue: 1985/86

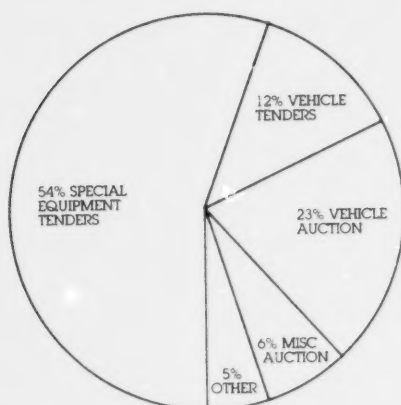
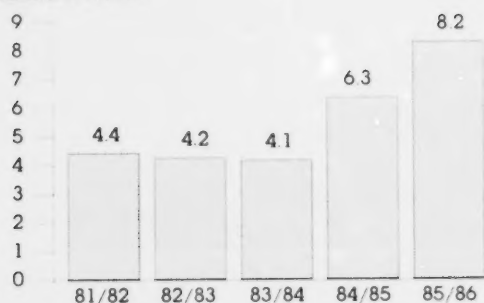


Figure 14

Surplus Sales
Total Revenue
Millions of Dollars



Central Delivery and Courier Service: This unit offers two major services. The first is the distribution of government material to 165 locations in the province. This is an overnight service to and from Edmonton, provided through a private sector contract. During the reporting period, 220,129 shipments for a value of \$616,000 were handled under this contract.

The second service provides local distribution of mail, mail metering, and postal information programs. These services are operated from six

locations in Edmonton, two in Calgary, and one each in Lethbridge, Medicine Hat, Red Deer, Grande Prairie, and Peace River. There are 420 delivery stops in Edmonton and 196 in Calgary. The Edmonton office also provides an envelope insertion service.

In Edmonton, Courier Service offers an on-call messenger service for the Legislature and Legislature Annex; there were 2,047 calls during the year.

Also in Edmonton, deliveries to distribute data processing materials have been privatized, at an annual cost of \$24,000.

The Postal Information Program was presented 27 times during the reporting period; six of these presentations were held outside major cities. The program shows users of Courier Service facilities and services how to minimize postage costs and expedite mail.

Figure 15

Courier Service
Shipments and Locations

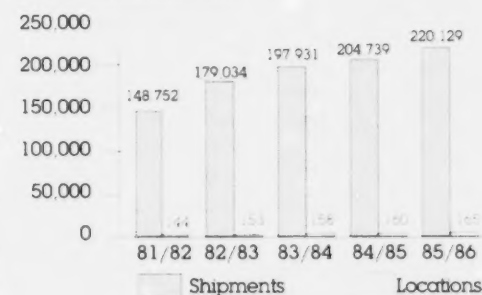


Figure 15 in this report presents a five-year comparison of courier locations and shipments.

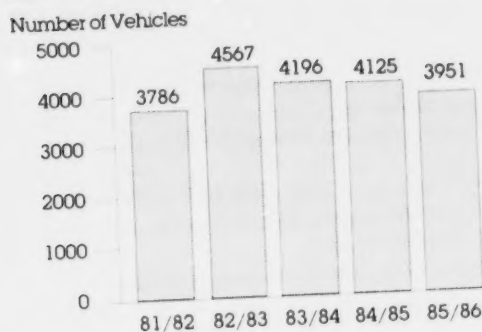
Central Vehicle Services: This unit provides light vehicles to all government departments, using a non-maintenance lease system. Vehicles are also made available for short-term requests of up to 30 days. During the reporting period, through more stringent controls and information systems, the fleet size was reduced by 174 vehicles. This is shown in **Figure 16**, on the next page, which presents a five-year comparison of the unit's fleet size.

A new computerized Vehicle Inventory Management System has greatly increased the availability of essential information, assisting staff to successfully apply sound fleet management practices and reduce costs to all user departments.

In 1985-86, a government-wide Vehicle Preventive Maintenance Program was introduced. This will allow the retention period for vehicles to be extended. Replacement will now be determined by usage and condition rather than the former combination of mileage and age. This change, in 1985-86, resulted in only 725 replacement vehicles being purchased versus 900 vehicles in 1984-85, representing a cost deferral of approximately \$2 million.

Figure 16

Central Vehicle Services
Size of Vehicle Fleet

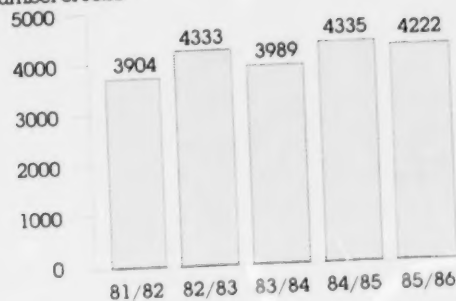


Automotive Services: This unit carries out vehicle outfitting, maintenance and repairs on government vehicles for Central Vehicle Services and for users. During the 1985-86 fiscal year, 4,222 automotive service jobs were completed, a decrease of 4% from the previous year. This decrease is shown in **Figure 17**, which presents a five-year comparison of jobs completed by Automotive Services.

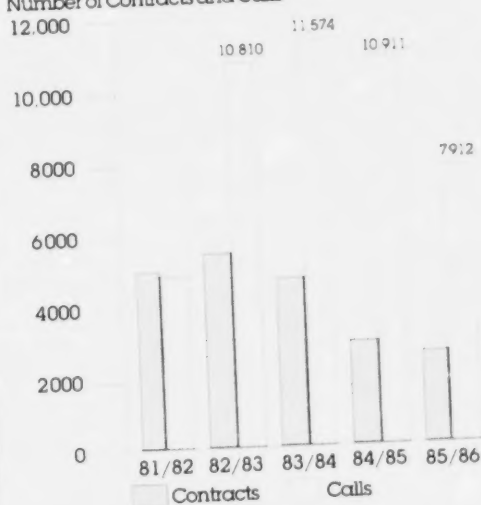
Office Equipment Services: This unit repairs office equipment other than photocopiers and electronic items. It also rents out typewriters, on a short-term basis. In total, 2,600 service contracts were in place in the 1985-86 fiscal year. In the same period, the unit responded to 7,912 trouble calls, a reduction of 27% from the previous year. A five-year comparison of the number of contracts and trouble calls is shown in **Figure 18** of this report.

Because of lower demand, the rental equipment inventory was reduced during the year by 14%. As a result of the smaller work volume, and the increased use of the private sector, the unit's staff was reduced by five, but only through attrition.

Figure 17
Government Garage
Number of Jobs Completed

**Figure 18**

Office Equipment Services
Service Contracts and Calls



Procurement Division

The Procurement Division of Supply Management is responsible for the centralized purchasing of goods, the acquisition of selected services and the maintenance of an inventory of commonly used products. It comprises four operating units: Purchasing Branch, Contracted Services Branch, Warehousing and Distribution Branch, and the Southern Region Office in Calgary.

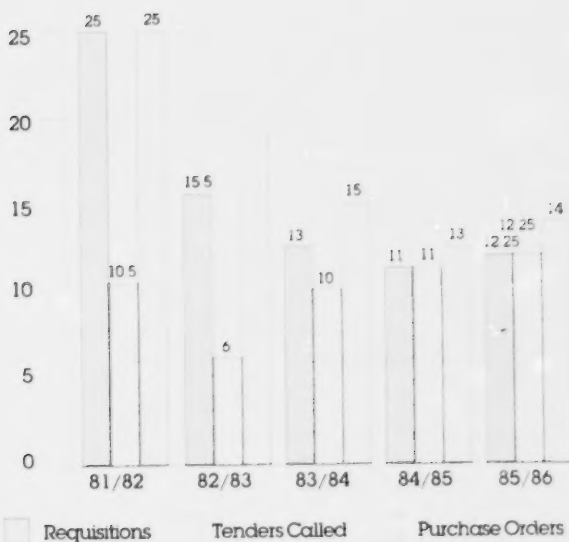
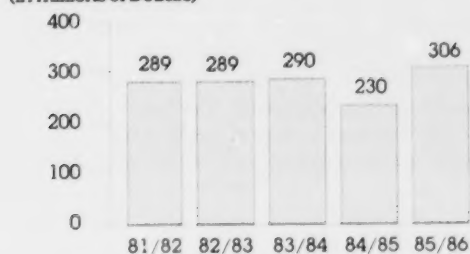
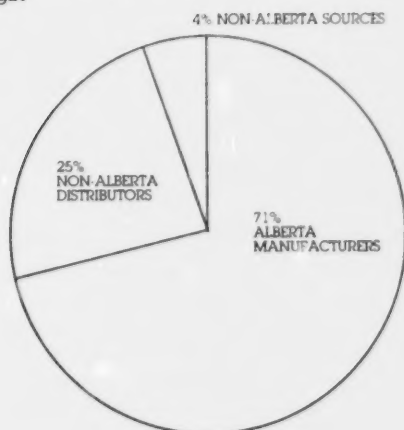
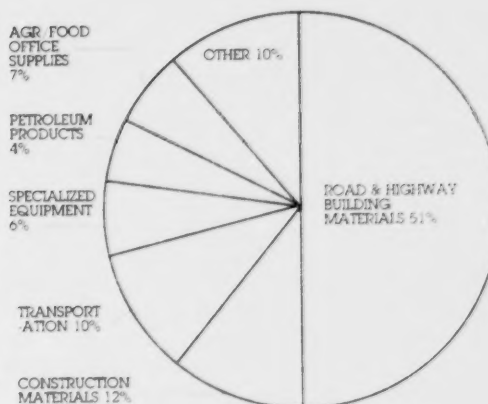
Purchasing Branch

The Purchasing Branch acquires materials and supplies for all departments as governed by the Public Works, Supply and Services Act.

During the 1985-86 fiscal year, materials and supplies valued at \$306 million were acquired. This was an increase of 33% over the previous year. Of

this amount, \$216 million (71%) was spent with Alberta manufacturers and processors, \$78 million (25%) with Alberta-based distributors, and \$12 million (4%) was spent outside Alberta. Major purchase groups included road and highway materials — \$149 million; transportation equipment — \$31 million; specialized equipment (including hospital and laboratory) — \$18 million; construction materials — \$37 million; agricultural, food and office supplies — \$21 million; petroleum products — \$19 million.

Figures 19 and 20 in this report present five-year comparisons of the dollar value of purchases and of the number of purchasing transactions; **Figures 21 and 22** show, in chart form, purchases by origin and purchases by commodity group.

Figure 19Value of Purchase
(in millions of Dollars)**Figure 21**Purchases in 1985/86
By Origin**Figure 22**Purchases in 1985/86
By Commodity Group

The number of vendors wishing to be notified of Alberta government tenders continued to increase, and now exceeds 11,000. This degree of interest in doing business with the government has helped maintain a high level of competition and has had an impact on prices for materials and supplies.

To increase awareness among small businesses on how to conduct business with the Alberta government, Supply Management participated in trade fairs sponsored by the private sector in Calgary and Edmonton. One result was that many vendors asked to have their names added to the government's source list and to be considered for future tenders.

Continued attention is paid to providing a fair opportunity for vendors located outside major cities to sell goods and services to the government. Procedures currently in place permit purchasing staff to restrict vendor eligibility to those in the local area in which the goods will be used, provided adequate competition exists and the value of the order does not exceed a moderate threshold.

In an attempt to build and maintain sound vendor relations, pre-bidder meetings have received renewed emphasis to ensure suppliers are fully aware of the specific nature of products being tendered and the terms and conditions of tenders. After completion of a tender award, reviews and debriefings are also held to respond quickly to vendor queries.

The Standing Offer Purchasing System continued to play a key role in the supply strategy. It allows government departments direct access to vendors without having to go through the tender process for each individual requirement. This saves time and administrative costs for both users and vendors.

During the reporting period, 11,000 different items could be purchased directly from 250 Alberta companies. The total value of purchases using this system was over \$11 million.

Another key component in the supply strategy is the Direct Purchase Order. This delegates to users, especially those outside major cities, the authority to meet lower value and urgent requirements through local sources. Under this system, regional purchases amounted to \$23.7 million during the reporting period.

The branch now has over 200 specifications in place which state the quality and level of performance required for products and services purchased by the Alberta government. This also ensures that Alberta-based manufacturers and suppliers will not be at a disadvantage in supplying government requirements. As well, in cooperation with Alberta Economic Development, the branch is promoting a Quality Management Program with selected manufacturers. The program is expected to improve the quality of products to non-government consumers.

Through consolidation and automation, the Purchasing Branch has reduced its manpower complement by 17% since 1983.

Warehousing and Distribution Branch

The Warehousing and Distribution Branch provides centralized warehousing, inventory management and distribution services in support of government departments where savings can be obtained by using economies of scale.

During the year, in-house commodity transport services were discontinued in favor of contracting all service requirements through the private sector. Also, the building supply line was discontinued, resulting in individual users acquiring their needs directly from vendor sources. With the discontinuance of the building supply line, the centralized service provided for Alberta Recreation and Parks was also discontinued.

A policy decision was made to transfer furniture to a private sector public warehouse facility. Inventory management, order processing and other administrative functions for furniture were transferred from the Warehousing and Distribution Branch to the Properties Planning Division.

The branch has retained only those line items and services which represent the highest savings to the government. An independent study conducted in 1984-85 determined that a savings of \$3.2 million was achieved by maintaining the functions of the Warehousing and Distribution Branch over alternative methods of supply. Thus, the remaining components of this service are a highly valuable source of savings in this period of financial restraint.

Initiatives in privatization and downsizing, and the introduction in September 1984 of the automated order entry and inventory management

system, resulted in a 35% manpower reduction in the reporting period. During the past four years, the branch has reduced manpower from 90 to 39 employees, or 57%. During the same period, the number of items in active inventory has been reduced by 63%.

Figure 23 in this report is a five-year comparison of line items shipped and in stock; **Figure 24** shows the branch's sources of revenue in the 1985-86 fiscal year.

Figure 23

Warehousing and Distribution
Line Items Shipped and in Stock
Number of items

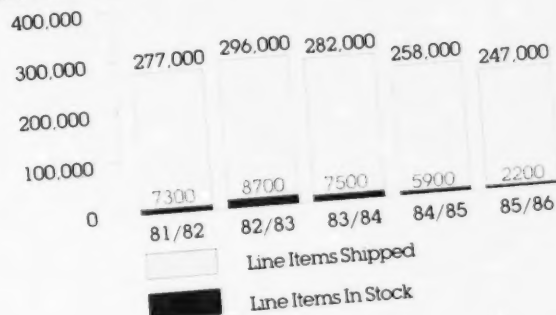
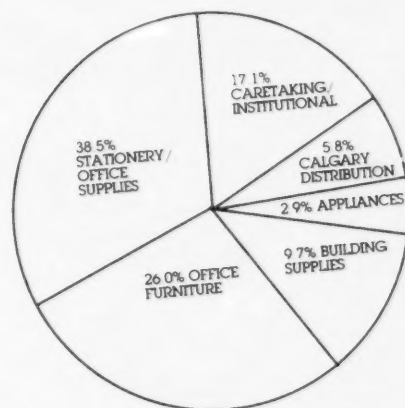


Figure 24

Warehousing and Distribution
Sources of Revenue: 1985/86



Southern Region

The Southern Region Office provides purchasing expertise in the acquisition of materials and supplies for government departments located in the southern part of the province. The office serves as a point of contact and liaison with southern Alberta businesses wishing to do business with the government.

During the reporting period, emphasis was placed on encouraging and assisting Alberta-based suppliers and manufacturers, especially those located in smaller centres, to sell to the government. Toward this end, the office made a number of visits to rural centres and participated in the Calgary Small Business Trade Fair. As a result, the number of vendors registered in southern Alberta has increased by 10%; the number of standing offers in place has also increased, by 5%.

During the year, significant resources were dedicated to several major projects, including:

- Irrigation systems for grazing reserves.
- Furnishings for the new Court House in Medicine Hat.
- Snow-packing and all-terrain vehicles, survival, rescue and mountain-climbing equipment for Kananaskis Country.

Total purchases for the reporting period were \$9 million. This amount is included in figures already reported for the Purchasing Branch.

Contracted Services Branch

The Contracted Services Branch is responsible for acquisition of electronic data processing (EDP), telecommunications, word processing equipment and related consulting services.

The marketplace for data processing equipment and software continues to be highly competitive. This has resulted in favorable prices for various types of EDP equipment and peripherals. This, in turn, has permitted the cost per unit of computing within government to decrease. Demand for EDP equipment and services, and consequently demand within this area of Contracted Services, is expected to remain high as departments continue to automate to achieve more efficient operations with the same or fewer staff.

During the reporting period, 2,011 contracts were issued, an increase of 34% over the previous year. However, the dollar value of contracts dropped by 12%, to \$72.0 million. The acquisition of data processing equipment totalled \$34.9 million (49% of total dollar volume); consulting services totalled \$15.1 million (21%).

Figure 25 in this report shows a four-year comparison of contract values, in dollars; **Figure 26** shows the types of contracts issued in the 1985-86 fiscal year.

The Equipment, Leasing and Financing program provides a mechanism, under the revolving fund, which allows departments to take advantage of significant savings in hardware acquisitions by broadening competition and providing more favorable financing terms.

Technological advances and systems innovations require ever-changing acquisition initiatives. Those undertaken in 1985-86 included:

- Enhancements to standard contracts for teleprocessing devices.

Figure 25

Contracted Services Value of Contracts
(in millions of dollars)

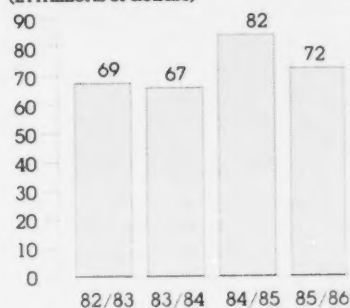
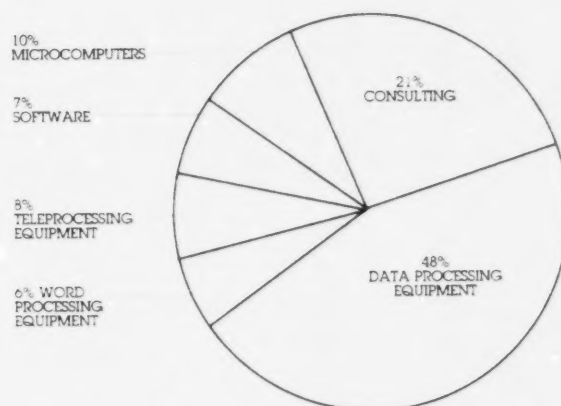


Figure 26

Contracted Services
Types of Contracts 1985/86



- Enhancements to standard terms and conditions for contracts with major EDP hardware suppliers.
- Revision of the vendor source management system to enable more precise identification of vendors within specialized categories.
- Initiation of meetings with major software suppliers to obtain extended copyrights on software for microcomputer users in the government.
- Establishment of standing offer agreements to accommodate widely used microcomputer software.

Air Transportation Branch

The Air Transportation Branch operates 12 aircraft, six fixed-wing and six rotary-wing. The branch also arranges for chartered aircraft on behalf of the government.

During the reporting period, government-owned aircraft met 24% of flight needs. Private sector aircraft provided the other 76%. Comparative percentages in the previous year were 21 and 79. The level of use of government-owned aircraft is not expected to rise further in the future. The private sector will continue to be contracted wherever possible.

The branch's single-engine helicopter (rotary-wing) fleet is operated and maintained through contractual arrangements. Also, the operation and maintenance of the first two of the province's CL215 water bombers will be by contract. These two aircraft were acquired through a cooperative purchase arrangement with the federal government. Two more water bombers will be delivered in 1988; they will be operated through the private sector.

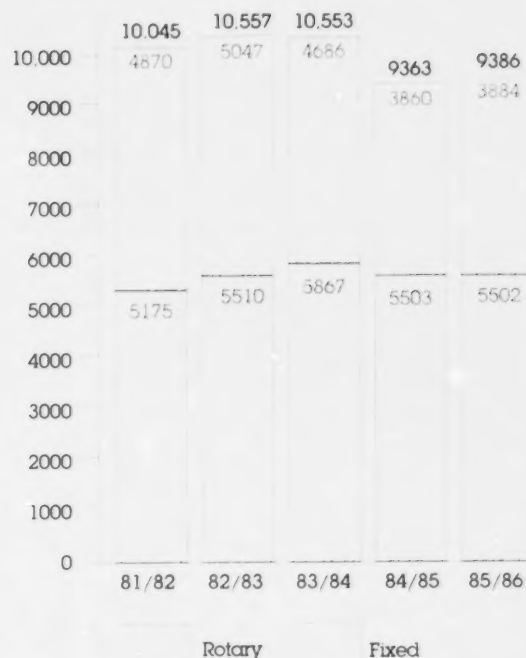
In addition to the CL215s, a deHavilland Dash-8 was brought into service. This replaces the fleet's DC-3, which will be retired. The primary role of the CL215s and the Dash-8 will be to support the fire-fighting role of the Alberta Forest Service.

The year's goals continued to stress productivity and safety. In this context, emphasis was placed on training for flight crews and engineers, and on refresher courses. Meanwhile, flight planning has been automated, to complement the automation in existence for aircraft maintenance records, inventory control, and flight statistics.

Figure 27 in this report presents a five-year comparison of flight hours undertaken by the branch's fleet of aircraft.

Figure 27

Air Transportation Flight Hours
Number of Flight Hours



APPENDICES

1. Capital Development
Consultants Commissioned . . . 40
2. Contracts Awarded 44
3. Contracts Completed 58

Capital Development Consultants Commissioned

Appendix 1

Prime Consultants Architects/ Engineers

AME Engineering Ltd.
Andruko, R., Architect Ltd.
Angus Butler Engineering Ltd.
Atkins, Gordon & Associates Architects Ltd.
Barrett & Johnson Architects Ltd.
Bell Spotowski Architects Ltd.
Bellingham, S.L., Associates Ltd.
Bond & Mogridge Architects Ltd.
Boucock, Bill, Partnership
Bouey, Bouey & Partners, Architects
Bredo, Burgess, Architect Ltd.
Brisbin Gates Engineering Consultants
Briskie, Robert, Architect Ltd.
Burgener Gallant Lachapelle Architects
Burrows & Lau Architects
CH2M Hill Canada
Campbell Woodall Associates Consulting Engineers
Carson-McCulloch Associates Ltd.
Cheriton Engineering Ltd.
Clark James Coupland Architects Inc.
Cohos Evamy Partnership (The)
Colt Engineering Corporation Consulting Engineers
Cook Culham Montgomery Pedersen & Valentine,
Architects & Engineers
Cunningham, Cory, Architect Ltd.
DeLCan Deleuw Cather Western Ltd.
Dejneka, Gene, Architect
Dejneka, Nichol, Architect
Donnelly Architects Ltd.
Dub, Gene, Architect Ltd.
Dupuis & Tardif Architects Ltd.
Edwards, W. Brian, Architect Ltd.
Eldred Barr Architects, Planners & Interior
Designers
Fairbairn & Ziola Architects
Fairbairn Brinsmead Ziola Architects
Field, Field & Field Architects and Engineers
Forbes Lord Feldberg Schmidt & Croll, Architects
& Engineers
Forseth, Gerald, Architect Ltd.
Fraser, Alan
Frost, Garry C., Architect Ltd.
Garrick Sivertson Architects
Gerbitz, Niels P., Architect
Goodfellow, R.J., Architects Ltd.
Graham, John, Architect & Engineers Ltd.
Haight, Derek P., Architect Ltd.
Hames & Baran Architects
Hartman Company (The)
Hartwig, Terry, Architect Ltd.
Hasegawa & Associates Ltd.
Henderson, G.T., Engineering Consultants Ltd.
Hnidan, William, Architect Ltd.

Holland Cummins Partnership, Architects
& Planners
Holman, Frank T., Architect Ltd.
Hutchinson, Ken, Architect Ltd.
Hutton, Anthony T., Architects (1983) Ltd.
Illmayer, J.A., Consulting Engineers Ltd.
Iu, Stephen, Architects Ltd.
Johns, Barry, Architect Ltd.
Kan, James, Architect Ltd.
Kassian Architect
Kasten Eadie Engineering Ltd.
Keen Engineering Co. Ltd.
Klingbell, L.C., Architect
Konig, Hans, Architect
Kroening, Greg, Consultants Ltd.
Laird Polson & Associates Architects Ltd.
Lamb McManus Associates Ltd.
Lambur Scott Architects Ltd.
LeBlond Partnership, Architects & Planners (The)
Lermeyer Architect Ltd.
Lukay Rese arch & Development Ltd.
MB Engineering Ltd.
MacDonald, John A., Architect Ltd.
Maltby & Prins Architects
Matthews, J.A., Architect Ltd.
McCutcheon Engineering Ltd.
McConnell, Douglas, Architect Ltd.
McIntosh Workun & Chernenko Architects Ltd.
McKeown, Les, Architect Ltd.
McMillan, Hugh, Architect Ltd.
Milton, Gary, Architect Ltd.
Mulligan, J.M., & Associates Ltd.
Paley, Robert, Architects Ltd.
Patsula Architect Ltd.
Pendergast, Barry, Architect Ltd.
Peter, David M., Architect Ltd.
Powley, Kenneth R., Architect Ltd.
Quinn, Sheldon, Architect Ltd.
Raines Finlayson Barrett & Partners, Architects,
Engineers & Interior Designers
Read Jones
Christoffersen Ltd.
Reid Crowther & Partners Ltd.
Roberts, R.R., Architect Ltd.
Robins, Watson, Baunton Architects and Engineers
Rockliff, John, Architect Ltd.
Rose Dagg Stefko Architects
Rose, J.W., Architect Ltd.
Rule, John D., Architect Ltd.
Russell and Baird Architects Ltd.
Saunders, R., Architect Ltd.
Saunders Gooch Architects
Schaeffer, D.E., Architect Ltd.
Simpson Lester Goodrich Partnership
Sinclair & Naito Architects Limited
Snow, Don M., Architect Ltd.
Solony, O., Architect Ltd.

Spencer, R.A., Architect Ltd.
 Stebnicki Cassie & Associates Ltd.
 Steinbrenner Consultants Ltd.
 Stephens Kozak Architects Ltd.
 Sturgess Partnership Architects & Urban
 Designers (The)

Swinton Architects Ltd.
 Tan & Associates Engineering Ltd.
 Techord Consulting Group Ltd. — Calgary
 Tse, C.W., Architects Ltd.
 Vaitkunas Jamieson Architects
 Vanderwell, Richard J., Architect Ltd.
 Vinto Engineering Ltd.
 Weed Lobo Architects Ltd.
 Wiebe Forest Group Ltd.
 Wilson, Roy, Architect Ltd.
 Winkelaar Howard & Associates Ltd.
 Wolley-Dod & MacCrimmon Surveys Ltd.
 Wood & Gardener Architects Ltd.
 Woolfenden Group Architects Ltd.
 Wright, Norman A., Architect Ltd.
 Wright, Wayne, H., Lermeyer Architect Ltd.
 Wright, Wayne, H., Architects
 Wyness Architect Ltd.

Subconsultants/Electrical Engineers

AME Engineering Ltd.
 Anderson Engineering Ltd.
 Bromley Walls & Associates Consulting
 Engineering Ltd.
 Cassie, G.J. & Associates Ltd.
 Cheriton Engineering Ltd.
 Coordinated Engineering Ltd.
 Field, Field & Field Architects and Engineers
 Grice Nash Williams Engineering Ltd.
 Hasegawa & Associates Ltd.
 Henderson, G.T., Engineering Consultants Ltd.
 Jarvis Engineering Ltd.
 Kasten Eadie Engineering Ltd.
 Lamb McManus Associates Ltd.
 Lukay Research & Development Ltd.
 M.K. Engineering Ltd.
 Prospect Consulting Engineering Ltd.
 Reid Crowther & Partners Ltd.
 Robins, Watson, Baunton Architects and Engineers
 Ryland, Ron R., Professional Engineer Ltd.
 Safronek, Pomeroy & Associates Ltd.
 Saskmont Engineering Ltd.
 Stebnicki Cassie & Associates
 Stebnicki, G.F., & Associates
 Steinbrenner Consultants Ltd.
 T.W.S. Engineering Ltd.
 Tan & Associates Engineering Ltd.
 Udeck Designs Ltd.
 Wasnea & Associates Engineering Ltd.
 Wiebe Forest Group Ltd.
 Winkelaar Howard & Associates Ltd.

Subconsultants/Mechanical Engineers

A.D. Williams Engineering Ltd.
 Angus Butler Engineering (1980) Ltd.
 Bacz Engineering Ltd.
 Chabot Engineering Ltd.
 Field, Field & Field Architects and Engineers
 Hasegawa & Associates Ltd.
 Henderson, J.D., Engineering Ltd.
 Jo-Tech Consulting Ltd.
 Kasten Eadie Engineering Ltd.
 Keen Engineering Co. Ltd.
 Kroening Consultants Ltd.
 Lamb McManus Associates Ltd.
 Latiff Ellard & Willson Engineering Ltd.
 Lukay Research & Development Ltd.
 M.C.W. Consultants Ltd.
 Mull-T Concepts Ltd.
 Robins, Watson, Baunton Architects & Engineers
 Roemer Engineering Ltd.
 Safronek, Pomeroy & Associates Ltd.
 Saskmont Engineering Co. Ltd.
 Steinbrenner Consultants Ltd.
 Suncord Engineering Ltd.
 Sunton Engineering Ltd.
 Tan & Associates Engineering Ltd.
 Vinto Engineering Ltd.
 Wasnea & Associates Ltd.
 Wasnea, Allen, & Partners Ltd.
 Wiebe Forest Group Ltd.
 Yowchuk Engineering Co. Ltd.
 Yiu, Paul, Consulting Ltd.

Subconsultants/Structural Engineers

Alexander B., & Associates Ltd.
 Bobrowski, Jan, Associates Ltd.
 Brooker, B.W. Engineering Ltd.
 Campbell Woodall & Associates Consulting
 Engineers Ltd.
 Cook Culham Montgomery Pedersen & Valentine,
 Architects & Engineers
 Cosentino & Partners Ltd.
 Crosier Kilgour & Partners Ltd.
 Duthie Newby Weber & Associates Ltd.
 Engineers Collaborative (The)
 Forbes Lord Feldberg Schmidt & Croll, Architects
 & Engineers
 G.S. Engineering Ltd.
 Graham, John, Architects & Engineers Ltd.
 H.M.B. Consulting Engineers
 Hasegawa & Associates Ltd.
 Illmayer, J.A., Consulting Engineers Ltd.
 Jokinen, Eric P., & Associates Ltd.
 Kasten Eadie Engineering Ltd.
 LMS Engineering Ltd.
 Lamb McManus Associates Ltd.

Liland Engineering
 Lukay Research & Development Ltd.
 M.B. Engineering Ltd.
 MacDonald Campbell Consulting Engineering Ltd.
 Mid Canada Consulting Group Ltd.
 Read Jones Christoffersen Ltd.
 Reid Crowther Partners Ltd.
 Rensaa, Arthur J., Engineering
 Robins, Watson, Baunton Architects and Engineers
 Saskmont Engineering Co. Ltd.
 Simpson Lester Goodrich Partnership
 Snihur Consulting Ltd.
 Stanley Associates Engineering Ltd.
 Stanley Ragan Engineering Collaborative Ltd.

Cost Consultants

8th Dimension Group
 Barnett Treharne Yates Ltd.
 BNP Construction Consultants Ltd.
 Both Belle Robb Limited
 CDM Consultants Limited
 Chopra Associates
 Costplan Management Ltd.
 Hanscomb Consultants Inc.
 Helyar & Associates
 Miller, Ian, Construction Projects Ltd.
 Inter-Cost Consulting Group Ltd.
 Loudon, A.W.
 PCM Construction Control Consultants Ltd.
 Walsh, Denis & Associates Ltd.
 Woodcliff Construction Consultants Ltd.

Geotechnical Consultants

BBT Geotechnical Consultants Ltd.
 Curtis Engineering & Testing Ltd.
 EBA Engineering Consultants Ltd.
 Geocon Ltd.
 Golder Associates (Western) Ltd.
 Hardy Associates (1978) Ltd.
 Hoggan Engineering & Testing (1980) Ltd.
 Klohn Leonoff Consultants Ltd.
 Paine, J.R., & Associates Ltd.
 Shelby Engineering Ltd.
 Smith, J.A., & Associates Ltd.
 Thurber Consultants Ltd.

Interior Design Consultants

Bilinske, Karen, Interior Design Consultants
 Business Interiors Ltd.
 Englund Kimerius Design Associates
 Interplan Interior Designers
 Lupul, Barbara, Consultants
 Noyce, Doug, & Associates Interior Design Ltd.
 Rhodes, Timothy, Interior Design Ltd.
 Romano, Yvonne, Consultants Ltd.
 Tavender and Associates Interior Design
 Consultants Ltd.

Landscape Architects

Butler Krebs Associates Ltd.
 Butler Krebs Lewis Associates Ltd.
 Carson McCulloch & Associates Ltd.
 Dodds, Brian, & Associates Ltd.
 EDA Collaborative Inc.
 Earthscape Consultants
 Kipen Gibbs Landscape Architect Ltd.
 Landplan Associates Ltd.
 Lombard North Group Ltd. (The)
 Novak, Leonard, Landscape Architect Ltd.
 Ross, K.R., Landscape Architect
 Walters, Douglas, Landscape Architect Ltd.

Materials Testing Consultants

BBT Geotechnical Consultants Ltd.
 Curtis Engineering
 EBA Engineering Consultants Ltd.
 Geocon Inc.
 Golder Associates
 Hardy Associates (1978) Ltd.
 Hoggan Engineering & Testing (1980) Ltd.
 Klohn Leonoff Engineering
 Paine, J.R., & Associates Ltd.
 Shelby Engineering Ltd.
 Smith, J.A., Associates Ltd.
 Thurber Consultants Ltd.
 UMA Engineering Ltd.

Municipal Engineers

Associated Engineering Alberta Ltd.
 Bow Valley Consulting Group
 Butler Krebs Lewis Associates Ltd.
 CEP Consultants (1985) Ltd.
 DeLCan Deleuw Cather Western Ltd.

Franch, W.J., Consulting Ltd.
PYD Engineering Ltd.
Stanley Associates Engineering Ltd.
Thierman and Associates Ltd.
Tritek Engineering Ltd.
UMA Engineering Ltd.

Programming Consultants

Advance Planning & Research for Architecture
Cornerstone Planning Group Limited
Resources Management Consultants (Alberta) Ltd.
Resource Planning Group Alberta Ltd.

Special Consultants

A.V.A. Engineering Ltd.
Addison, Leonard J.
Allen, Warren E., & Associates Ltd.
Associated Corrosion Consultants Ltd.
Artec Consultants Inc.
Bears paw Drafting
Canadian Mountain Planning & Management Ltd.
Cantrend Hospitality Management Inc.
Civcom Consulting Services Ltd.
de Krasinski, Dr. Joseph, P. Eng.
Ecosign Mountain Recreation Planners Ltd.
Environmental Management Associates
Group Delta
Henderson, J.D., Engineering Ltd.
Land Tec Graphics
Laventhol & Horwath Management Consultants
Lexicon International Management & Marketing
Limited
Matrix International Marketing and
Management Ltd.
May, R.M., Drafting Services Ltd.
Menzies, Douglas, & Associates Ltd.
Morstead Consulting Ltd.
Muller, Keith, Ltd.
P.C.P. Lighting Consultants Ltd.
Pickering, H.K.
Stewart, Weir, Land Data Inc.
Sullivan, Patrick, A.I.A.
Taylor, R. Associates Ltd.
3D-N Engineering Services Ltd.
Whistler Mountain Ski Corporation
White, Clifford
Wilks Associates

Video Pipe Inspection Consultants

I.S. Inspection Services Ltd.
In-Line Pipe Inspections Ltd.
Thuro Services (Western) Ltd.
Video Inspection Services

Underwater Inspection Consultants

Cantin's Pressure Service Ltd.

Surveyors

Batallas, Oswaldo
Bemoco Engineering & Associates Ltd.
Brown, Okamura & Associates Ltd.
Butler Krebs Lewis Associates Ltd.
Cam-Alta Surveys Ltd.
Cameron Christianson
Can-Am Surveys Ltd.
CEP Consultants (1985) Ltd.
Challenger Surveys & Services Ltd.
Control Land Surveys (1983) Ltd.
Coordinate Surveys Ltd.
Drake, K.B., Alberta Land Surveyor
FYN Engineering Ltd.
Halma & Associates Ltd.
Hamilton & Olsen Surveys Ltd.
Harland & Higgins Land Surveyors
High Country Surveys
L & L Technical Services Ltd.
Maltais Associates Surveyors Ltd.
Martin & Company
McWilliams Surveys Ltd.
Midwest Surveys & Services Ltd.
Nesco Consulting Ltd.
Noga, Ivo
Northpoint Land Surveying & Engineering
(High Prairie) Ltd.
Northpoint Land Surveying & Engineering Ltd.
Phoenix Group (The)
Rachynski Land Surveys Ltd.
Snell & Oslund Surveys (1979) Ltd.
Stanley Associates Engineering Ltd.
Stewart, Weir & Co.
Stuart Engineering & Surveying Ltd.
UMA Engineering Ltd.
Walker, Newby & Associates Ltd.
Watt, D.A., Consulting Group Ltd.
Yellowhead Survey & Associated Services Ltd.

Hydrogeological Consultants

Kamac Consultants Ltd.

Capital Development Contracts Awarded

Appendix 2

Location — Project General Contractor	Date of Award	Amount		
Airdrie Off-site Service Charges — Various Transportation Shops Sonmor Excavating Ltd.	86-02-05	56,618.00		
Allison Creek Brood Trout Farm, Modifications for Recycle Operations — Groundwater Camfield Drilling Services Ltd.	86-02-14	17,975.00		
Brood Trout Farm, Modifications for Recycle Operations — Water Line Lockerbie Management Ltd.	86-01-08	28,881.00		
Brood Trout Farm, Sand Filter Repairs A. Wakaluk Welding Ltd.	85-06-27	84,965.00		
Alsike Minimum Security Correctional Camp, Phase II Upgrading Shir-Bud Construction Ltd.	85-08-09	104,797.00		
Ardmore Alberta Opportunity Corps Vocational Training Centre Alliance Construction Ltd.	85-06-12	598,800.00		
Assumption (Chateh. Alta.) Provincial Court Klondike Construction Ltd.	86-02-05	198,625.60		
Barrhead Alberta Correspondence School, Renovations to Graphics Area Barr Construction (1974) Ltd.	85-12-18	27,080.00		
Alberta Correspondence School, Renovations to Computer Room Barr Construction (1974) Ltd.	85-05-23	31,428.00		
Blairmore Fish & Wildlife District Warehouse (Installation of Snow Fencing) Tamaki Fencing Service	85-12-13	2,634.00		
			Forest Headquarters, Jet B Fuel System Upgrading Getkate Construction (1976) Ltd.	85-08-29 39,750.00
			Bonnyville Indian Metis Rehabilitation Centre, Renovations to Kitchen & Cafeteria Area Alliance Construction Ltd.	85-04-03 93,962.00
			Brooks Alberta Horticultural Research Centre (Research Plot Development — Trails) Viggo Hansen Construction Co. Ltd.	86-03-26 154,363.00
			Alberta Horticultural Research Centre (Research Plot Development — Trails) Appollo Landscaping Services	85-10-21 23,223.00
			Palaeontology Field Station (Miscellaneous Site Services) Brooks Asphalt & Aggregate Ltd.	85-10-03 41,330.00
			Palaeontology Field Station (Miscellaneous Site Services) Goodison Water Well Drilling	85-10-24 8,540.00
			Palaeontology Field Station Project Sign Taylor Signs Ltd.	86-01-14 760.00
			Transportation Depot (Site Report) M & M Drilling Co. Ltd.	85-09-25 3,732.00
			Calgary AADAC Renfrew Recovery Centre, Renovations & Improvement — Various Centrum Interiors Ltd.	86-01-20 3,556.00
			Alberta Vocational Centre, Improvements to Perimeter Ventilation Arpi's Holdings Ltd.	86-03-25 54,369.00
			Relocation of Monitoring Station, Bonnybrook (Department of Environment) Big Island Ltd.	85-11-28 9,418.00

Bow Crow Forest Headquarters, Jet B Fuel System Upgrading Don Davis & Sons Petro. Services Ltd.	85-09-06	24,616.00	Energy Resources Research Centre, Installation of New Heating Water Boilers Arpi's Industries Ltd.	85-05-23	12,236.00
Bow Crow Forest, Carpentry Shop, Dust Collector, Paint Storage Teacon Developments Ltd.	85-07-22	33,900.00	ERCB Building, Millwork Modifications Unitrade Construction & Mfg. Ltd.	85-12-20	9,250.00
Bowlen Bldg., Attorney General, Family & Youth Courts, Phase 3 LT Interior & Drywall Ltd.	86-01-28	273,881.00	ERCB, Upgrading of Mechanical Systems Quasar Mechanical Ltd.	86-02-26	129,930.00
Bowlen Bldg., External Retrofit, Phase 2, Mechanical Conversion Reggin Industries Ltd.	85-08-22	52,367.00	Group Homes for the Dependent Handicapped — Various Locations Kaland Construction Ltd.	85-05-30	1,199,000.00
Bowlen Bldg., External Wall Retrofit, Phase 1, Masonry Retrofit Pockar Bros. Masonry Ltd.	85-08-22	1,097,478.00	Interim Secure Custody Facilities (Young Offenders Act), (Midway Correctional Camp — Calgary) J's Land 121932 Services Ltd.	85-05-28	178,747.00
Bowlen Bldg., Family & Juvenile Court, Amendment to Prisoner Holding Area Topaz Contracting Ltd.	85-09-27	24,900.00	J. J. Bowlen Building Parking Development Gil Hansen & Co. General Contractors Ltd.	85-05-08	21,581.00
Bowlen Bldg., Family & Youth Courts, Phase II Mirtren Contractors Ltd.	85-07-12	66,598.00	McDougall School — Office Bldg. Renovations, Tenant Improvement Phase Norda Woodwork & Interiors Ltd.	86-03-18	984,945.00
Bowlen Bldg., Family & Youth Courts Mirtren Contractors Ltd.	85-04-17	120,899.00	McDougall School — Office Bldg. Renovations, Landscaping Phase 3 R.W. Landmark Construction Ltd.	86-03-05	350,250.00
Bowlen Bldg., Renovations to 5th and 7th Floor Levels Integra Contracting Ltd.	85-05-09	127,945.00	Medical Examiner Facility, Mezzanine Cooling Reggin Industries Limited	85-12-03	47,000.00
Bow River Correctional Centre, Repairs and Alterations Graham Construction & Eng. Ltd.	86-02-11	145,000.00	Off-site Service Charges (Spy Hill Correctional Facilities) Whissel Engineering Ltd.	85-11-06	424,873.00
Calgary Correctional Institute, Renovations to Existing Laundry Mirtren Contractors Ltd.	85-12-18	106,559.00	Off-site Service Charges — Various (Spy Hill Correctional Facilities) WRD Borger Construction Ltd.	85-11-06	336,895.00
Core Research Centre, (Addition & Renovations to Existing Bldg.) Teacon Developments Ltd.	85-05-28	31,525.00	Restricted Development Area PT NE 36-24-29-W4 York Shaw Building Movers (1983) Ltd.	85-11-20	6,270.00
Court of Queen's Bench, Renovations to Existing Courthouse PCL-Maxam, A Joint Venture	85-10-28	7,505,474.00	Restricted Development Area PT SE 30-22-1-W5 York Shaw Building Movers (1983) Ltd.	85-11-20	3,300.00
Court of Queen's Bench, Renovations to Existing Courthouse, 6th Floor PCL-Maxam, A Joint Venture	85-08-19	43,727.00			

Restricted Development Area PT SW 28-24-2-W5 Big Island Construction Ltd.	85-11-26	2,210.00
Southern Alberta Jubilee Auditorium (SAJA), External Cladding Retrofit, Phase II Rocky Mountain Precast (1985) Ltd.	85-07-05	2,439,000.00
SAJA, Primary Electrical Feeder Phase I, Sequential Start-Up Wilkinson Electric Company Limited	85-12-30	8,500.00
SAJA, Upgrade & Refurbish Barre Room & Impro. to Audio & Lighting System OMSAC Developments Ltd.	85-11-07	174,935.00
Young Offender Centre (On-site Collection System) ECE Construction (1983) Ltd.	85-11-12	278,785.00
Calling Lake Alberta Opportunity Corps (Relocate Classroom from Coronation) Big Island Construction Ltd.	85-08-15	11,300.00
Alberta Opportunity Corps (Site Services for Portable Classroom) Lloyd's & Frank's Backhoe Service Ltd.	85-10-17	7,224.00
Camrose Courthouse, Renovations to Existing Court Facilities, Upgrade J & B Stone	85-11-05	14,375.00
Fish & Wildlife Warehousing, Fuel Storage Shed Derryl Toews Construction Ltd.	85-12-12	18,600.00
Rosehaven Care Centre, Alterations & Renovations Main Bldg., Alternate "A" L.J.M. Contracting Ltd.	85-07-09	513,844.00
Canmore Canmore Nordic Centre Trail Contract #2 Bernie Schiesser	85-10-07	64,260.00
Canmore Nordic Centre Trail Contract #3 Geddes Contracting Co. Ltd.	85-09-04	424,590.00

Canmore Nordic Centre Trail Contract #4 — Bridges Four Ways Construction Ltd.	85-11-14	469,260.00
Canmore Nordic Centre Trail Access Road Geddes Contracting Co. Ltd.	85-11-06	153,020.00
Canmore Nordic Centre Water and Sewer Network Whissell Engineering Ltd.	85-07-10	392,122.00
Canmore Nordic Centre Construction Signs, Phase II L & M Signs Ltd.	86-01-30	8,246.00
Canmore Nordic Centre On-site Electrical Distribution System Ace Construction Company Ltd.	85-10-18	868,551.00
Canmore Nordic Centre Water Reservoir and Booster Pumphouse Thor Construction (1985) Ltd.	85-10-18	121,455.00
Canmore Nordic Centre, Ancillary Buildings Stuart Olson Industrial Contractors	86-02-12	46,516.00
Canmore Nordic Centre, Biathlon Range Building Gil Hansen & Co. General Contractors Ltd.	85-09-19	104,271.00
Canmore Nordic Centre, Day Lodge Building Stuart Olson Industrial Contractors	85-08-21	864,000.00
Canmore Nordic Centre, Stadium Area Grading Cana Management Ltd.	85-05-01	219,342.00
Canmore Nordic Centre, Access Road Upgrading Cana Management Ltd.	85-07-02	44,367.00
Canmore Nordic Centre, Storage Garage Kapel Construction Ltd.	85-07-10	166,731.00
Canmore Nordic Centre, Team Waxing Rooms Gardon Construction Ltd.	85-07-10	264,624.00
Travel Information Centre Gardon Construction Ltd.	85-07-25	961,446.90
Travel Information Centre, Interior Display System Associates Displayed Services Ltd.	86-03-13	18,114.92
Cardston Provincial Court, Secure Interview Area G.L. Schaffer & Sons Construction	85-06-19	10,673.00

Caroline		
Raven Brood Trout Station (Fence Upgrading) J.T. Setters & Sons Construction Ltd.	86-02-17	20,152.00
Claresholm		
Care Centre, Lift Station Replacement Charter Construction Ltd.	86-03-19	169,000.00
Care Centre, (Misc. Demolition Projects — Various) Cleveland Wrecking Company	86-02-24	72,313.00
Care Centre, Replacement of Deteriorated Freezers and Fridges Teacon Developments Ltd.	85-06-06	284,700.00
Renov. to Former ALCB Store & Alter. to Existing McLean Hall Dupont Interior Construction Ltd.	85-11-10	67,393.00
Cochrane		
Fish & Wildlife District Warehousing, Various — Upgrade Fuel Storage Shed R.M.L. Custom Builders Ltd.	86-03-18	20,830.00
Cold Lake		
Fish Hatchery, Contract #2, Hatchery Facilities & Related Work A.V. Carlson Constructors Ltd.	85-04-11	7,244,497.00
Crossfield		
ALCB Store Gil Hansen & Co. General Contractors	85-11-08	294,107.00
Crowsnest Pass		
Frank Slide Interpretive Centre, Access Road Guard Rail Norse Construction Ltd.	85-06-24	1,866.00
Frank Slide Interpretive Centre, Entrance Road Handrail Wesbridge Construction Ltd.	85-04-16	7,100.00
Leitch Collieries Interpretive Centre, Roof Drainage, Staging Area Wesbridge Construction Ltd.	85-05-28	3,100.00
Mine Manager's Residence Stabilization 316737 Alberta Ltd.	85-07-18	23,850.00

Cypress Hills		
Amphitheatre Projection Screen & Marina Concession Ventilation K.P. Manufacturers (Lethbridge) Ltd.	85-10-10	7,900.00
Cypress Hills Provincial Park (Tree Replacement- Landscape Development) Alpha Better Landscaping Ltd.	85-09-09	21,465.00
Cypress Hills Provincial Park (Water Supply — Manganese Problem) Quinn Construction Ltd.	85-10-31	5,369.00
Devon		
Coal Research Centre (Sidewalk Repair) Automated Concrete Ltd.	85-08-01	7,182.00
Coal Research Centre (Landscape Development) Economy Landscape Contractors Ltd.	85-08-27	11,330.00
Coal Research Centre, Modifications to Utilities Superline Excavation Ltd.	85-10-07	7,742.00
Coal Research Centre, Field Research Building Clark-Bowler Construction	86-02-05	168,299.00
Coal Research Centre, High Head Laboratory, Ventilated Work Area Kasten Eadie Engineering Ltd. Eden Construction Ltd.	85-10-17	528,820.00
Landscape Irrigation (Coal Research Centre — Devon) Green Thumb Irrigation Ltd.	85-08-08	13,341.00
Drumheller		
Courthouse, Legal Reference Library Alterations Golden Oaks Carpentry	85-05-28	20,000.00
Transportation Depot, New Salt Shed and Related Greene Construction (1981) Ltd.	85-07-19	107,320.00
Tyrrell Museum of Palaeontology, Midland Provincial Park Top Line Construction Ltd.	85-06-19	116,502.00
Tyrrell Museum of Palaeontology, Contract #12, Display Lighting Controls Concept Electrical Management Ltd.	85-05-30	172,700.00

Tyrrell Museum of Palaeontology, Safety Rails to Palaeoconservatory Reggin Industries Limited	86-01-21	7,399.00
Tyrrell Museum of Palaeontology, Signage Panels (Graphia) J.K. Campbell & Associates Ltd.	85-08-16	17,799.00
Edmonton		
ALCB Store, Callingwood PCL — Maxam A Joint Venture	85-11-07	633,600.00
ALCB Store (Beverly) A.J.H. Construction Management Ltd.	85-10-08	778,000.00
Alberta Research Council (A.R.C.), Contract #13, (Millwoods), Phase I, Electronics Test Centre Gamwil Contracting Ltd.	85-05-08	596,225.00
A.R.C., Contract #14, New Facilities (Millwoods) Phase I, Interior Finishes Rescom Construction Ltd.	85-05-30	586,384.00
A.R.C., Contract #16, Phase I, New Administration & Laboratory Bldgs. Kewaunee Scientific Equip. Canada Ltd.	85-12-11	1,240,263.00
Alberta Vocational Centre, Ventilation to Basement Print Room & 8th Floor Labs P.D.Q. Mechanical Ltd.	86-01-27	37,255.00
AADAC Recovery Centre, Interior Alterations H & S Business Enterprises Ltd.	86-03-10	67,935.00
Alberta Block, General Upgrading, and Installation of Smoke Detectors Royal Oak Contracting Ltd.	86-02-25	15,318.00
Alberta Forest Service Depot (Sidewalk Construction) D & H Concrete Services Ltd.	85-11-14	6,276.00
Alberta Forest Service Depot, Mechanical Upgrading for Garage & Equip. Dev. Delnor Construction Ltd.	86-03-05	73,791.00
Alberta Forest Service Depot, Office Renovations (2nd Floor) Delnor Construction Ltd.	86-03-03	59,568.00

A.R.C., Contract #18, Mechanical Outfitting Program Lockerbie Management Ltd.	86-03-18	339,900.00
Alberta School for the Deaf, Code Upgrading (Handicap Washroom Renovations) Eden Construction Ltd.	86-02-28	462,794.00
Alberta School for the Deaf, Electrical Switch Gear Renovations 1985 Tri-Pro Electric Ltd.	86-03-19	276,467.00
Alberta School for the Deaf, Renovations For Code Upgrading Eden Construction Ltd.	85-10-22	246,630.00
Alberta Tree Nursery Drainage Improvements Ras-Dam Construction Ltd.	85-10-03	69,814.00
Alberta Tree Nursery & Horticulture Centre (Arboretum Fencing) Phoenix Fence Co. Ltd.	85-10-17	5,267.00
Alberta Tree Nursery, Administration Office Building Steve Ferenc Construction Ltd.	85-07-25	326,305.00
Alberta Tree Nursery, Fire Alarm System Kajola Electrical Contractors Inc.	85-10-25	29,990.00
Alberta Tree Nursery, Lath House Pentagon Building Corporation Ltd.	85-10-22	289,500.00
Alberta Tree Nursery, Phase III, Chemical Storage Bldg. Plus Office Space R.W.K. Construction Co. Ltd.	85-10-29	167,000.00
Alberta Public Works, Supply & Services Building, U. of A. Farmsite, Addition of Plate Heat Exchanger New & March Mechanical Ltd.	85-08-16	43,500.00
Beaver House, Upgrading for Safety and Handicapped Access Papirnik Construction Ltd.	85-12-31	45,442.00
Blood Transfusion Service Building, Additional Exhaust Fan Work PCL — Maxam A Joint Venture	85-11-13	15,595.00

Blood Transfusion Service Building, Freezer Annunciation Panel & Associated Equip. MCC Powers	86-01-03	28,845.00	Law Courts Addition, Phase VI Cafeteria, Cafeteria Table Tops Coveco Manufacturing Ltd.	85-11-13	20,098.00
City View Group Home, Washroom Alterations Buy-Rite Services	85-05-07	6,756.88	Law Courts Addition, Phase VI, Cafeteria Completion Ericstad Construction Ltd.	85-06-12	706,400.00
Correctional Centre, New Fence and Access Lane Paving O'Hanlon Paving Ltd.	85-09-18	33,905.00	Law Courts Addition, Phase VI, Contract B Pentagon Building Corporation Ltd.	85-10-09	1,139,850.00
Correctional Centre, Security Upgrading, Elevator Modifications Dover Corporation (Canada) Ltd.	85-08-02	69,950.00	Law Courts Addition, Phase VI, Contract D Pentagon Building Corporation Ltd.	85-10-09	2,000,000.00
Correctional Centre, Security Upgrading, Intrusion Detection System Jactar Electric Ltd.	85-07-26	43,280.00	Law Courts Addition, Phase VI, Sheriff's Office Delnor Construction Ltd.	85-07-03	56,652.00
Delton Group Home, Washroom Alterations Buy-Rite Services	85-05-07	11,244.38	Law Courts, Mechanical Upgrade (Chiller) Trane Canada Inc. — Edmonton	86-03-14	99,155.00
Eric Cormack Centre, Upgrade Mech. System (Replacement of Existing Windows) Aacro Building Products Ltd.	85-04-16	86,036.00	Legislature Grounds, South Parkade Traffic Topping Desco Coatings of Alberta Ltd.	85-08-21	161,299.00
Fish & Wildlife District Warehousing, Various Add. District Requirements Elwood Construction Ltd.	86-03-19	59,348.00	McLeod Building, Renovations to Upper Roof Eden Construction Ltd.	85-10-18	126,898.00
Fish & Wildlife Division — Lambton Park Warehouse Site Improvements Standard General Construction Ltd.	85-09-18	124,619.00	Miscellaneous Demolition Projects (Lambton Park — Edmonton) McColman & Sons Demolition Ltd.	85-12-02	1,294.00
Government Complex, University Farm Area Site Development and Landscaping Sherylbrook Landscape Contractors Ltd.	85-05-14	2,720.00	Multi-department Office Building, 97 Street, Signs EEC Industries Ltd.	85-08-06	84,241.00
Hilltop House, Small Basement Storage Facility Delnor Construction Ltd.	85-11-06	11,513.00	Northern Alberta Jubilee Auditorium (NAJA), External Cladding Retrofit, Phase II Supercrete, A Div. of Canfarge Ltd.	85-07-05	2,451,743.00
Interim Secure Custody (Young Offenders Act), Receiving & Detention Centre, Various LJM Contracting Ltd.	85-08-02	32,781.00	NAJA, Heating Ventilation & Air Conditioning, Sound Lighting Control Delnor Construction Ltd.	85-07-10	4,401.00
Law Courts Addition, Phase V, 6th Floor Washroom Door Relocations Saval Developments Ltd.	85-06-10	1,350.00	NAJA, Upgrade & Refurbish Barre Room, VIP Lounge & Front Box Office A.V. Carlson Constructors Ltd.	85-10-29	193,977.00
			O.S. Longman Building, Emergency Generator R. Angus Alberta Limited	86-03-12	266,660.00
			O.S. Longman Building, Mechanical Risers Eden Construction Ltd.	86-02-10	669,676.00

Office Bldg. U. of A. Farm Site, Additional Air Handling Unit, Computer Rm. Jewell-Dunseath Plumbing & Heating	85-05-16	31,346.00	Surplus Sales Centre, Interior Renovations Alps Construction Ltd.	86-02-21	8,756.00
Office Building, Multi-department, Tenant Layouts (8th Floors) Danwood Interiors Ltd.	85-04-11	138,900.00	Transportation Building, Site Landscaping Stuart Olson Contractors Ltd.	85-07-25	518,300.00
Office Building, Multi-department, Vertical Blinds Vertican (Western) Inc.	85-05-07	136,182.85	Westfield Centre, Diagnostic Unit #1, Security Upgrading Danwood Interiors Ltd.	86-01-10	34,498.00
Office Building, Multi-department, 97 Street (9th Floor Renovations) Danwood Interiors Ltd.	85-06-13	26,633.00	Westfield Centre, Diagnostic Unit #2, Renovations — Miscellaneous Work Trinity Woodworks & Construction Ltd.	85-06-03	10,826.00
Old St. Stephen's College, Renovations to 3rd Floor, North & South Wings H & S Business Enterprises Ltd.	85-09-12	118,771.00	Westfield Centre, Renovations to Pineview Home Vogue Contracting Ltd.	86-02-28	21,855.00
Provincial Museum of Alberta, Walkway Replacement, Temporary Handrails Fort Ornamental Iron Works Ltd.	86-03-24	1,383.00	Yellowhead Centre (Security Upgrading, Contract #1) Danwood Interiors Ltd.	85-10-02	94,418.00
Rescue Training School, Renovations A.V. Carlson Constructors Ltd.	85-07-24	1,739,747.00	Yellowhead Centre (Security Upgrading, Basement) Danwood Interiors Ltd.	86-02-26	5,820.00
Restricted Development Area (Demolition & Removal) Twin City Excavating Ltd.	85-10-21	12,420.00	Youth Development Centre (Young Offenders Act), Renovations Package #7 Delnor Construction Ltd.	85-08-29	81,060.00
Restricted Development Area PT. N.E. 25-51-24-W5 (Millwoods) J. Plaizier Trucking & Excavating Ltd.	85-10-24	7,800.00	Youth Development Centre (Y.O.A.), Renovations Package #5 Jewell-Dunseath Plumbing & Heating Ltd.	85-05-24	449,752.00
Restricted Development Area PT. SW 8-52-25-W4 McColman & Sons Demolition	85-11-21	3,800.00	Youth Development Centre (Y.O.A.), Renovations Package #6, Ventilation Upgrading Jewell-Dunseath Plumbing & Heating Ltd.	86-01-20	1,217,000.00
Alberta School for the Deaf, (Sewer Replacement) Eden Construction Ltd.	86-03-18	27,730.00	Elk Island Park Vicinity Ukrainian Cultural Heritage Village, (UCHV) Main Entrance Fence and Gates, Alternate "B" Watson Tofield (1973) Ltd.	85-08-06	35,205.00
Alberta School for the Deaf, Elevator 1984 Eden Construction Ltd.	85-06-27	288,945.00	UCHV (Historic Landscape — Site Preparation) Land Tec Landscape Contractors Ltd.	85-09-23	99,983.00
Strathcona Science Park (Parking Lot Paving) O'Hanlon Paving Ltd.	85-09-18	35,902.00	UCHV (Septic Tank Replacement) Hunka Construction Ltd.	85-10-21	10,468.00
Surplus Sales Centre (Security Fencing) McLellan Supply (Alberta) Ltd.	86-01-28	5,177.00	UCHV (Modifications to Intake Facilities) Superline Excavations Ltd.	86-03-17	4,688.00

UCHV (Renovations) Crosstown Heating & Ventilating Ltd.	85-09-12	41,048.00	Driver Examination Office, Lighting Commercial Electric Co. Ltd.	85-05-24	3,494.00
Elkwater Transportation Depot New Salt Shed and Related Braemar Developments Ltd.	85-07-18	89,672.00	Interpretive Centre, Interior Signage Corcom Systems Ltd.	85-07-04	5,755.00
Fort Macleod Courthouse, R.I.T.E. Station Frans Feyter Construction Ltd.	85-04-23	1,884.00	Gleichen Transportation Depot New Salt Shed and Related Braemar Developments Ltd.	85-07-18	104,819.00
Head-Smashed-In Buffalo Jump, Interpretive Centre Cana Management Ltd.	85-05-17	5,736,000.00	Grande Cache Contract #22, Prov. Correctional Centre Mech. Contract, Performance Testing Strathcona Mechanical Ltd.	85-05-13	25,000.00
Fort McMurray Forest Headquarters (Athabasca) Handicapped Access Green Forest Builders Ltd.	85-07-19	36,220.00	Contract #23, Prov. Correctional Centre Elec Contract, Performance Testing Newland Contracting (North) Ltd.	85-05-13	15,000.00
Forest Headquarters, Jet B Fuel System Upgrading MacAlpine Construction Ltd.	85-10-10	124,685.00	Provincial Correctional Centre Contract #85 Sherwood Park Paving Ltd.	85-05-03	476,040.00
Provincial Building, Energy Management Computer System — Refit (Contract #1), Supply TransAlta Energy Systems	85-12-31	66,669.07	Provincial Correctional Centre (Contract #85 — On-site & Off-site Paving) Forestland Ready Mix	85-10-08	19,822.00
Fort Saskatchewan Contract #2, New Correctional Centre, Maintenance Building Binder Construction Ltd.	85-11-05	1,345,247.00	Provincial Correctional Centre, Acoustic Treatment and Related Work C.C.S. Component Ceiling Systems Ltd.	85-12-23	30,382.00
Correctional Centre, (Old) Renovations for Basic Safe Occupancy Eden Construction Ltd.	86-02-26	609,251.00	Provincial Correctional Centre, Weeping Tile & Vapour Barrier Alpha Plumbing & Heating Co. Ltd.	85-09-04	19,000.00
New Correctional Centre, Site Grading Arthur A. Voice Construction Ltd.	85-09-11	683,890.00	Grande Prairie ALCB Store & Distribution Centre Vanderspoel Construction Ltd.	86-03-26	1,197,024.00
New Correctional Centre, Contract #3 — Site Services Cana Management Ltd.	85-10-29	832,270.00	Driver Examination Office, Lighting Cookshaw Electric (1975) Ltd.	85-05-24	3,285.00
New Correctional Centre, Contract #6, Security Luminaires Scandinavian Light (Edmonton) Ltd.	86-03-04	65,252.64	Forest Headquarters, Jet B Fuel System Upgrading QQR Mechanical Contracting Ltd.	85-08-16	93,527.00
New Correctional Centre, Contract #5, Security Hardware, Doors & Frames FAB Industries Ltd.	86-03-14	917,095.50	Forest Headquarters, Pilot Storage Building & Water Service Lavergne Construction Ltd.	85-08-22	54,833.00
Prov. Correctional Centre, (Old) Pneumatic Locks, Renovations for Safe Occupancy FAB Industries Ltd.	85-12-16	41,810.00			

Youth Assessment Centre, Roofing Upgrade and Air Leakage Investigation Standard Roofing Corporation	85-12-18	218,389.00
Youth Assessment Centre, Shop Addition, Re-tender of Deficiency Clean-up K. Shaw & Sons Contracting Ltd.	85-05-21	10,786.35
Grouard Alberta Vocational Centre, Code Upgrading, New Emergency Generator Can-Am Electric Ltd.	85-12-30	36,105.00
Alberta Vocational Centre, Renovations & Code Requirements Upgrade Aman Building Corporation	85-08-01	334,335.00
High Level Alberta Opportunity Corps, Vocational Training Building Klein Construction Ltd.	86-02-06	1,943,549.00
High Prairie Provincial Building, Demolition Visco Rentals & Contractors Ltd.	85-10-18	58,700.00
Transportation Depot, New Salt Shed and Related Development Agricon Steel Industries Ltd.	86-01-14	201,300.00
Hinton Forest Technology School, Upgrading of Lecture Theatre Norwest Steel Buildings Ltd.	85-12-10	26,429.00
Forest Technology School, Upgrading of Lecture Theatre, Lecture Rm. Seating Allwest Institutional Furnishings	85-11-19	16,731.00
Renovations to Existing Facilities, Various — Courthouse, Glazed Partition Tredwin Construction Ltd.	86-01-17	2,925.00
Innisfail Transportation Depot Braunfel Engineering & Construction Ltd.	86-02-18	519,260.00
Judy Creek Minimum Security Correctional Camp, Upgrading of Site Services Fagnan Backhoe Ltd.	85-07-23	21,250.00

Kananaskis Emergency Service Building A.V. Carlson Constructors Ltd.	85-08-22	373,000.00
Kananaskis Country Recreation Plan, The Village At Ribbon Creek Northside Construction Ltd.	85-10-07	779,578.00
Kananaskis Country Recreation Plan, Regional Utilities Barjac Construction Management Ltd.	85-07-31	851,720.00
Kananaskis Country Recreation Plan, William Watson Lodge Phase II Canadian Envirogenics Ltd.	85-08-23	7,762.40
Kananaskis Country Recreation Plan, The Village At Ribbon Creek Bernie Schiesser	85-10-07	42,737.50
The Village At Ribbon Creek (Day Lodge) Pentagon Building Corporation Ltd.	85-12-31	1,588,875.00
William Watson Lodge, Phase II (Cabins) A.V. Carlson Constructors Ltd.	85-09-26	887,300.00
Keho Keho Lake Project (Relocation of Farmstead) Sonmor Excavating Ltd.	85-07-25	172,925.00
Lac La Biche Alberta Opportunity Corps (Site Services for Classrooms) Gerald's Backhoe Service Ltd.	85-04-02	7,985.00
Alberta Vocational Centre (AVC), Contract #8 — Soft Landscaping O'Brien Contracting Canada	85-08-28	348,316.00
AVC, 1985 Building Modifications Marshall-Lee Construction Ltd.	86-02-10	107,648.00
AVC, Contract #6, Child Care Training Centre (Plumbing Repairs) Schendel Plumbing & Heating Ltd.	85-06-13	31,156.32
AVC, Contract #6, Child Care Training Centre (Painting Walls & Insulation) Fred Stabel Painting Ltd.	85-07-02	8,878.00

AVC, Contract #6, Child Care Training Centre, Freeze-up Repairs Fact Consulting Ltd.	85-06-04	23,235.00	Provincial Correctional Centre, Operational Deficiencies Glen Little Construction	85-08-06	21,352.00
Beaver Lake Correctional Centre (Upgrade Sewage Disposal) Little Mountain Enterprises Ltd.	85-08-15	78,612.00	Provincial Correctional Centre, Sally Port Door Ward Brothers Construction Ltd.	86-01-14	19,827.00
Regional Parks Workshop Marshall-Lee Construction Ltd.	85-10-09	2,482,380.00	Manning Treasury Branch, Renovations Aman Building Corporation	85-11-29	147,049.00
Regional Parks Workshop (Installation of Sanitary Sewer Main) Little Mountain Enterprises Ltd.	85-09-17	19,635.00	Medicine Hat Courthouse (Relocate & Service) Big Island Construction Ltd.	85-05-22	31,882.00
Transportation Depot, New Salt Shed and Related Site Development Sentag Construction Ltd.	85-09-12	102,272.00	Courthouse Renovations, Judge's Dais and Six Witness Stands Trademark Homes (Medicine Hat) Ltd.	86-02-13	48,000.00
Treasury Branch, Renovations for Total Service Watson Tofield (1973) Limited	85-06-05	37,729.00	Remand Centre PCL-Maxam, A Joint Venture	85-06-19	11,106,922.00
Vocational Training Centre Lasso Contracting Ltd.	85-08-22	689,707.00	Millet ALCB Store Draginda Construction Ltd.	85-08-21	227,600.00
Leduc Artificial Insemination (A.I.) Swine Centre, (Sanitary Sewer Connection) Kran Construction Ltd.	85-11-13	39,668.00	Morinville Provincial Building (Landscape Development) Economy Landscape Contractors Ltd.	85-04-11	50,318.00
(A.I.) Swine Centre, Sherbrook Landscape Contractors Ltd.	86-03-17	12,739.00	Renovations to Maintenance Facilities, Various, Storage Shed Crossroads Contracting Company	85-09-12	42,927.00
(A.I.) Swine Centre, (New Isolation Barn, Addition & Alterations) Tarad Industries Ltd.	85-10-02	330,746.00	Mount Allan Nakiska Ski Area at Mount Allan (On-site Electrical Distribution System) Newland Contracting (South) Ltd.	85-05-03	1,141,867.00
Food Processing Development Centre, Minor Alterations Thermo Design Insulation Ltd.	85-12-16	18,615.00	Nakiska Ski Area at Mount Allan, Snowmaking System Kerna Construction Ltd.	85-07-10	3,449,569.00
Lethbridge Agriculture Research Centre (Paving of Access Road) Tollestrup Construction Co. Ltd.	85-07-25	34,627.00	Nakiska Ski Area at Mount Allan, Environmental Mitigation J.R. Bruce Erickson Construction Ltd.	85-05-09	7,500.00
Correctional Centre, Security Fire Hose Cabinets Door Pulls Gillett Construction Ltd.	85-08-15	1,525.00	Nakiska Ski Area at Mount Allan, Mountain Road Upgrading Samoyed Management Ltd.	85-05-08	18,300.00
Courthouse, Piezometer Test Pipe Capping and Venting City Plumbing (Leth) Ltd.	85-04-19	1,003.00			

Nakiska Ski Area at Mount Allan, Trail Modifications — Phase 3					
Samoyed Management Ltd.	85-05-27	78,050.00			
Nakiska Ski Area at Mount Allan, Rock Removal					
J.W. McMullen & Associates Ltd.	85-05-30	28,626.25			
Nakiska Ski Area at Mount Allan, Mountain Road — Phase II					
Samoyed Management Ltd.	85-07-11	24,400.00			
Nakiska Ski Area at Mount Allan (Base Area — Landscaping)					
O'Brien Contracting Canada	85-10-03	167,605.00			
Nakiska Ski Area at Mount Allan (Base Area Subsurface Drainage)					
Whissell Engineering Ltd.	85-06-14	11,785.00			
Nakiska Ski Area at Mount Allan (Water Well)					
Stanley Associates Engineering Ltd.	86-03-20	37,480.00			
Nakiska Ski Area at Mount Allan, Downhill Ski Trail — Modifications #1					
Kev-Rich Construction Ltd.	85-07-18	86,841.00			
Nakiska Ski Area at Mount Allan, Downhill Ski Trail — Modifications #2					
Kev-Rich Construction Ltd.	85-10-21	41,550.00			
Nakiska Ski Area at Mount Allan (Substation Access Road and Pad)					
Tricat Enterprises Ltd.	85-07-08	23,208.00			
Nakiska Ski Area at Mount Allan, Base Area					
Standard General Construction Ltd.	85-05-24	299,861.00			
Nakiska Ski Area at Mount Allan (Ski Lift Signs)					
Hi Signs Manufacturing Ltd.	85-10-02	3,082.00			
Nakiska Ski Area at Mount Allan, Asphalt Paving					
Metro Paving Ltd.	85-10-24	79,897.40			
Nakiska Ski Area at Mount Allan (Scoreboard Foundations)					
J.A. Paul Construction	85-10-02	51,488.00			
Nakiska Ski Area at Mount Allan, Snowmaking System					
A.V. Carlson Constructors Ltd.	85-07-10	2,017,000.00			
Nakiska Ski Area at Mount Allan, Topsoil Mining					
R. Bruce Erickson Construction Ltd.	85-10-08	17,087.50			
Mountainview					
Mountainview Regional Water System (Anthony Henday Water Plant)					
Border Paving Ltd.	85-10-03	68,725.00			
Nakiska					
Mid-Mountain Lodge Ellis-Don Management Services Ltd.	85-07-29	796,996.00			
Signage, Ski Area at Mount Allan					
O'Brien Contracting Canada	86-02-14	180,427.45			
Training Centre, Ski Area Development at Mount Allan					
Four-Ways Construction Ltd.	85-07-15	199,000.00			
Okotoks					
ALCB Store					
Stuart Olson Industrial Contractors Ltd.	85-06-18	507,607.00			
Olds					
Group Home					
Marlam Holdings (Calgary) Ltd.	86-01-14	315,945.00			
Onoway					
Portable Classroom Facilities, Various					
Connecting Links					
Papirnik Construction Ltd.	85-10-28	12,372.00			
Peace River					
Correctional Centre, Upgrading, Contract #1, Ventilation & Air Conditioning					
Peace River Heating (1971) Ltd.	85-12-31	210,749.00			
Forestry Headquarters (Yard Paving)					
Wapiti Gravel Suppliers	85-09-23	66,036.00			
Transportation Depot, New Salt Shed and Related Site Development					
Condor Contractors Ltd.	85-11-19	118,483.25			
Pincher Creek					
Three Rivers Dam Project (Disposal of Glass Property Building)					
AFDAHL's Excavating & Trenching	85-12-23	4,975.00			
Three Rivers Dam Project (Disposal of Lower Glacier Park Company Property Bldg.)					
V.L.C. Holdings	86-02-18	1,843.00			

Ponoka			
Fish & Wildlife Warehousing, Fuel Storage Shed			
Derryl Toews Construction Ltd.	85-12-12	18,174.00	
Provincial Building Upgrade Existing Parking Lot			
Horseshoe Paving Ltd.	85-09-06	58,836.00	
Red Deer			
ALCB Store (Alternate A)			
Osex Construction Corporation Ltd.	85-06-12	679,681.00	
Access Ramp for Handicapped at Bower Place — Portable Early Childhood Services Classroom			
Master Woodcraft	85-11-13	3,281.00	
Correctional Centre Omsac Developments Limited	85-06-20	13,037,316.00	
Courthouse (Old), Upgrading			
Timcon Construction Ltd.	86-01-06	297,557.00	
Fish & Wildlife District Warehousing, Various, Upgrade Fuel Storage Shed			
Laebon Developments Ltd.	86-03-18	21,990.00	
Michener Centre, Upgrade Resident Facilities, Ventilation System Upgrading			
Tarad Industries Ltd.	85-06-05	578,000.00	
Miscellaneous Demolition Projects, Disposal of Snell Residence			
Bettenson's Sand & Gravel Co. Limited	85-12-12	4,440.00	
Red Earth			
Provincial Court			
Jen-Col Construction Ltd.	86-02-05	211,122.00	
Rocky Mountain House			
ALCB Store			
Jen-Col Construction Ltd.	86-03-25	688,288.00	
Alberta Opportunity Corps Vocational Training Building			
LinAlta Contractors	85-09-27	718,329.00	
Provincial Building (Landscaping)			
Geneva Gardens Inc.	85-10-07	36,353.00	
Provincial Building (Supplementary Parking — Old Dairy Site)			
Border Paving Ltd.	85-10-03	44,315.00	
Provincial Building, Cleaning Ductwork & Install Access Doors			
Ram-Aire Industries Ltd.	85-06-24	23,500.00	
Provincial Building, Soundproofing and Code and Security Alterations			
Shir-Bud Construction Ltd.	85-12-10	49,790.00	
Rycroft			
Treasury Branch, Exterior Deficiency Clean-up			
Lavergne Construction Ltd.	85-07-04	27,704.00	
Scott Lake			
Transportation Depot, New Salt Shed and Related			
Gil Hansen & Co. General Contractors Ltd.	85-07-18	128,447.00	
Slave Lake			
Alberta Opportunity Corps Building			
Lancet Construction Ltd.	85-12-04	1,741,934.00	
Forest Headquarters, Jet B Fuel System Upgrading			
QOR Mechanical Contracting Ltd.	85-09-06	30,138.00	
Smoky Lake			
Pine Ridge Forest Nursery (Replacement of Reservoir Liner)			
CSI Coating Systems Inc.	86-02-11	440,000.00	
Pine Ridge Forest Nursery, Greenhouse Upgrading & Glazing Replacement			
Frank Johkman & Sons Ltd.	86-03-27	455,000.00	
St. Albert			
Poundmaker Nechi Centre, Electrical Modifications			
High Line Minuteman Elec. Constructors	85-05-24	29,500.00	
St. Paul			
Correctional Centre, New Gymnasium Flooring			
Craftsman Floors (Alta.) Ltd.	85-05-24	21,100.00	
Provincial Building (Parking Development)			
Car-Quells	85-08-07	49,046.00	
Stettler			
Fish & Wildlife District Warehousing, Upgrading and Re-roofing			
Hayhoe Roofing (Red Deer) Ltd.	85-10-16	13,414.00	
Stony Plain			
Transportation Depot			
Chandos Construction Ltd.	86-03-11	543,900.00	

Strathmore			Miscellaneous Demolition		
Youth Development			Projects (Youngstown		
Centre, Modifications to			Home — Youngstown)		
Existing Facility			Getaway Landscaping Ltd.	85-04-17	3,386.00
Kent Construction			Off-site Service Charges		
Services Ltd.	86-01-28	247,976.00	(Alberta Hospital		
Various Locations			— Edmonton)		
Fish & Wildlife District			Westridge Marketing		
Warehousing (Stony Plain			Services	85-05-28	4,710.00
— Fallis Cabin)			Off-site Service Charges		
Ray Silvester Enterprises	85-12-10	3,450.00	(Alberta Hospital		
Fish & Wildlife District			— Edmonton)		
Warehousing (Stony Plain			Sumcon		
— Fallis Cabin)			Waterproofing Ltd.	85-05-28	1,500.00
Continental Backhoe			Portable Classroom		
Services Ltd.	86-02-05	4,145.00	Facilities		
Government Buildings			ATCO Structures	85-07-10	263,093.00
(Forestry Yard			Portable Classroom		
— Peace River)			Facilities (Site Services		
Adomi Construction Inc.	85-04-25	91,566.00	— Millwoods Christian)		
Landscape Irrigation			Ray Silvester Enterprises	85-08-14	9,246.00
(Provincial Building			Portable Classroom		
— Wainwright)			Facilities (Site Services		
Allegro Irrigation			— Bower Place School)		
Systems Ltd.	85-08-19	17,250.00	Roz Con Construction Ltd.	85-08-14	5,915.00
Landscape Irrigation			Portable Classroom		
(Provincial Building			Facilities (Relocate		
— Rimbey)			Classroom from Calgary)		
Red Deer Turf			Big Island		
Irrigation Ltd.	85-08-22	10,793.00	Construction Ltd.	85-08-20	18,700.00
Landscape Irrigation			Portable Classroom		
(Courthouse — St. Albert)			Facilities (Site Services		
The Rain Man			— Fort Saskatchewan)		
Plumbing Ltd.	85-08-02	13,538.00	Ray Silvester Enterprises	85-09-24	20,832.00
Landscape Irrigation			Portable Classroom		
(New Courthouse			Facilities (Renovate,		
— Drumheller)			Relocate & Service)		
Eljay Irrigation Ltd.	85-08-14	15,679.00	Big Island		
Landscape Irrigation			Construction Ltd.	85-08-22	21,246.00
(Forest Headquarters			Portable Classroom		
— Grande Prairie)			Facilities (Site Services		
AP Irrigation Systems Ltd.	85-09-18	25,056.00	— Youngstown School)		
Landscape Irrigation			Lyle Grover & Sons		
(Law Centre Area			Construction Ltd.	85-08-22	6,500.00
— Edmonton)			Renovations		
Green Thumb			& Improvements, Multi-		
Irrigation Ltd.	85-09-27	29,340.00	purpose Recreation		
Landscape Irrigation			Building		
(Provincial Building			Lakeland Enterprises	85-10-07	3,779.00
— Peace River)			Renovations		
Allegro Irrigation			& Improvements		
Systems Ltd.	85-08-28	43,060.00	(Eric Cormack Centre		
Landscape Irrigation			— Edmonton)		
— Various (Ukrainian			Crown Paving and		
Cultural Heritage Village)			Engineering	85-09-04	11,912.00
Foxcroft Irrigations Ltd.	85-10-03	51,068.50	Renovations		
Miscellaneous Demolition			& Improvements		
Projects (Lakeside Comm.			(Government Hangar		
Corr. Centre			— Edmonton)		
— Lethbridge)			Crown Paving and		
Coaldale Nurseries Ltd.	85-04-17	11,040.00	Engineering	85-10-17	19,124.00

Renovations & Improvements (Wood's Christian Home — Calgary)		
Big Island Construction Ltd.	85-05-08	6,825.00
Renovations to Maintenance Facilities, Electric Door Openers Sims Garage Door Co. (1977) Ltd.	85-08-21	31,681.00
Site Development (Transportation Yards — Alix & Lacombe)		
Town & Country Paving Ltd.	85-08-15	80,677.00
Site Development (Transportation Yard — Vermilion)		
Soldan Fence & Metals Ltd.	85-11-05	16,941.00
Site Development (Transportation Yard — Camrose)		
Jubilee Construction Ltd.	85-09-04	10,608.00
Vegreville		
Alberta Environmental Centre, Laboratory Casework 1985 Tri-P Millwork & Supplies Ltd.	86-03-06	186,040.00
Alberta Environmental Centre, Waste Incinerator Building		
Dineen Construction Limited	85-07-18	721,196.00
Vermilion		
Provincial Building, Sidewalk and Curb Repair F & S Construction	85-08-21	159,200.00
Wabamun		
ALCB Store H & S Business Enterprises Ltd.	85-10-01	273,618.00
Westlock		
Treasury Branch, Renovations for Total Service		
Delnor Construction Ltd.	85-07-05	32,262.00
Wetaskiwin		
Court of Queen's Bench, Furniture and Spectator Benches		
Edmonton Millwork Ltd.	85-08-15	41,088.00
Courthouse (Additional Parking — Phase I)		
Border Paving Ltd.	85-05-06	43,930.00
Courthouse Renovations		
H & S Business Enterprises Ltd.	85-06-05	185,951.00

Fish & Wildlife		
Warehousing, Fuel Storage Shed		
Derryl Toews Construction Ltd.	85-12-12	17,772.00
Provincial Building (Landscape Drainage Improvements)		
Burmat Plumbing & Heating Ltd.	85-09-13	6,340.00
Reynolds Museum, Storage Structure Phase 2		
R.W.K. Construction Co. Ltd.	85-06-06	952,948.00
Whitecourt		
Forest Headquarters, Jet B Fuel System, Dust Collector & Mech. Modification		
Peace River Heating (1971) Ltd.	85-07-10	76,088.00
Youngstown		
Miscellaneous Demolition Projects, Disposal of Pleasantview Home, Completion		
Gil Hansen & Co.	85-05-27	12,700.00
Vehicle Service Shop (Conference Room)		
Greene Construction (1981) Ltd.	85-07-02	125,750.00

In total, 362 contracts (including Site Development) were awarded in the 1985-86 fiscal year with a total tendered value of \$123,632,659.76.

Capital Development Contracts Completed

Appendix 3

Location - Project General Contractor	Acceptance Date	Total Cost		
Airdrie				
Alterations to Provincial Court, Provincial Building				
Reliant Construction Ltd.	85-04-03	2,087.60		
Allison Creek				
Brood Trout Farm, Modifications for Recycle Operation, Contract #1				
Lockerbie Management Limited	86-03-31	31,647.06		
Brood Trout Farm, Sand Filter Repairs				
A. Wakaluk Welding Ltd.	85-12-23	90,603.60		
Alsiike				
Minimum Security Correctional Camp, Phase II Upgrading				
Shir-Bud Construction Ltd.	86-02-06	105,402.26		
Treatment Centre (Barn - Phase II), Option I				
P. Jacobs Construction Ltd.	85-04-24	48,979.00		
Ardmore				
Alberta Opportunity Corps (Site Services for Classroom)				
Bonnyville General Contracting Ltd.	85-04-29	6,175.67		
Alberta Opportunity Corps, Vocational Training Centre				
Alliance Construction Ltd.	86-01-22	629,164.31		
Barrhead				
Alberta Correspondence School, Print Shop Dust Hillside Gas & Plumbing Services				
	85-07-30	14,070.45		
Alberta Correspondence School, Renovations to Computer Room				
Barr Construction (1974) Ltd.	85-06-21	32,223.79		
Blairmore				
Fish & Wildlife District Warehouse (Installation of Snow Fencing)				
Tamaki Fencing Service	86-01-17	2,634.35		
Forest Headquarters, Jet B Fuel System Upgrading				
Getkate Construction (1976) Ltd.	85-11-16	38,002.48		
Bonnyville				
Indian Metis Rehabilitation Centre, Renovations to Kitchen & Cafeteria Area				
Alliance Construction Ltd.	85-05-23	97,335.56		
Bow Island				
Provincial Building, Garage Addition				
Wahl Builders Ltd.	85-09-13	45,529.41		
Brooks				
Alberta Horticultural Research Centre (Research Plot Development - Trails)				
Appollo Landscaping Services	85-11-12	23,222.60		
Alberta Horticultural Research Centre Site Development				
Master Fences Ltd.	85-06-12	27,564.80		
Alberta Horticultural Research Centre Site Development				
Christien Mechanical Ltd.	85-05-16	29,240.74		
Alberta Horticultural Research Centre Site Development				
Brooks Asphalt & Aggregate Ltd.	85-05-16	75,316.80		
Palaeontology Field Station (Miscellaneous Site Services)				
Goodison Water Well Drilling	86-01-17	7,493.16		
Palaeontology Field Station (Miscellaneous Site Services)				
Brooks Asphalt & Aggregate Limited	85-11-01	41,330.00		
Ren. to Existing Fac. & Stor. Shed (Upgrade Mech. Systems)				
Christien Mechanical Ltd.	85-04-24	17,250.00		
Transportation Depot (Site Report)				
M & M Drilling Co. Ltd.	86-02-26	3,732.00		
Calgary				
AADAC Renfrew Recovery Centre, Renovations & Improvement - Various				
Centrum Interiors Ltd.	86-02-27	3,602.20		
ALCB Horizon Estates Specialty Store (Millwork)				
J.S. Laurie & Associates Ltd.	85-04-01	269,767.00		

Relocation of Monitoring Station, Bonnybrook (Department of Environment)					
Big Island Ltd.	86-01-17	9,418.00			
Bow Crow Forest Headquarters, Jet B Fuel System Upgrading					
Don Davis & Sons Petro. Services Ltd.	86-02-07	26,889.49			
Bow Crow Forest, Carpentry Shop, Dust Collector, Paint Storage					
Teacon Developments Ltd.	85-11-25	33,900.00			
Bowlen Bldg., External Retrofit, Phase 2, Mechanical Conversion					
Reggin Industries Limited	85-11-22	46,945.19			
Bowlen Bldg., Family & Juvenile Court, Amendment to Prisoner Holding Area					
Topaz Contracting Ltd.	85-12-11	25,110.53			
Bowlen Bldg., Family & Youth Courts, Phase II					
Mirtren Contractors Ltd.	85-10-24	77,120.06			
Bowlen Bldg., Family & Youth Courts					
Mirtren Contractors Ltd.	85-08-19	132,831.89			
Bowlen Bldg., Renovations to 5th and 7th Floor Levels					
Integra Contracting Ltd.	85-08-14	134,187.22			
Bow River Correctional Centre (BRCC), Interim Secure Custody Facilities (Young Offenders Act)					
Graham Construction & Eng. Ltd.	85-07-24	663,106.11			
BRCC, Interim Secure Custody Facilities (Y.O.A.), Renovations to North Wing					
Graham Construction & Eng. Ltd.	85-04-30	194,470.98			
Core Research Centre, (Addition & Renovations to Existing Bldg.)					
Teacon Developments Ltd.	85-12-17	34,606.18			
Core Research Centre, Mechanical Deficiency Clean-up					
Arpi's Industries Ltd.	85-08-12	18,823.00			
Court of Queen's Bench, Renovations to Existing Courthouse, 6th Floor					
PCL-Maxam, A Joint Venture	85-09-19	47,829.50			
Energy Resources Research Centre, Installation of New Heating Water Boilers					
Arpi's Industries Ltd.	85-10-29	12,236.00			
ERCB Building, Millwork Modifications					
Unitrade Construction & Mfg. Ltd.	86-02-28	10,150.00			
Fish Hatchery, Installation of Ultra Violet Purification (Control & Piping)					
Lockerbie Management Ltd.	85-06-14	207,284.63			
Interim Secure Custody Facilities (Y.O.A.) (Midway Correctional Camp — Calgary)					
J's Land 121932					
Services Ltd.	85-08-23	195,218.93			
J.I. Bowlen Building Parking Development					
Gil Hansen & Co. General Contractors Ltd.	85-08-26	21,769.76			
McDougall School, Landscaping Phase II					
Penn-Co Construction	85-12-20	757,987.88			
McDougall School, Office Building, Renovations, Landscaping Phase I					
Ellis-Don Management Services Ltd.	85-08-29	871,504.06			
Medical Examiner Facility, Mezzanine Cooling					
Reggin Industries Ltd.	86-03-19	48,124.09			
Restricted Development Area PT SE 30-22-1-W5					
York Shaw Building Movers (1983) Ltd.	85-11-21	3,300.00			
Single Men's Hostel, Alterations, Renovations					
R.W. Robinson Construction Ltd.	86-01-17	682,406.89			
Calling Lake					
Alberta Opportunity Corps, Relocate Classroom from Coronation					
Big Island Construction Ltd.	85-09-04	11,300.00			
Alberta Opportunity Corps (Site Services for Portable Classroom)					
Lloyd's & Frank's Backhoe Service Ltd.	85-10-29	7,574.00			
Camrose					
Rosehaven Care Centre, (Fire Code Upgrading — Ward Buildings)					
Chandos Construction Ltd.	85-09-26	345,138.85			
Rosehaven Care Centre, Alterations & Renovations					
Main Bldg., Alternate "A"					
L.J.M. Contracting Ltd.	86-03-03	543,067.15			

Rosehaven Care Centre,
Main Building Re-roofing
Otto Roofing
(Red Deer) Ltd. 85-07-25 86,497.01

Canmore

Canmore Nordic Centre
Water and Sewer Network
Whissell Engineering Ltd. 85-10-29 397,410.60

Canmore Nordic Centre
Construction Signs,
Phase II
L & M Signs Ltd. 86-03-31 8,338.85

Canmore Nordic Centre
Trail Contract #2
Bernie Schiesser 85-11-25 61,341.84

Canmore Nordic Centre
Team Waxing Rooms
Gardon Construction Ltd. 86-02-17 274,858.26

Cardston

Provincial Court, Secure
Interview Area
G.L. Schaffer & Sons
Construction 85-11-26 10,673.00

Caroline

Raven Brood Trout Station
(Fence Upgrading)
J.T. Setters & Sons
Construction Ltd. 86-03-26 21,784.30

Claresholm

Claresholm Care Centre,
Replacement of
Deteriorated Freezers
and Fridges
Teacon Developments Ltd. 86-02-21 284,116.00

David Lander Centre,
Miscellaneous Renovations
Mirtren Contractors Ltd. 85-04-26 164,973.20

Cold Lake

Fish Hatchery Contract
No. 2 — Hatchery
Facilities & Related Work
Arthur A. Voice
Construction Ltd. 85-11-07 1,361,099.03

Coronation

Provincial Building
Alterations
Timcon Construction Ltd. 85-08-07 767,061.05

Crowsnest Pass

Frank Slide Interpretive
Centre, Entrance
Road Handrail
Wesbridge
Construction Ltd. 85-06-03 7,100.00

Leitch Collieries
Interpretive Centre, Roof
Drainage, Staging Area
Wesbridge
Construction Ltd. 85-07-11 3,100.00

Leitch Collieries
Interpretive Centre, Coke
Oven Stabilization
J & B Stone 85-07-12 57,700.00

Mine Manager's Residence
Stabilization
316737 Alberta Ltd. 85-12-11 24,060.00

Cypress Hills

Cypress Hills Provincial
Park Contract #17,
Amphitheatre Renovations
Alpha Better
Landscaping Ltd. 85-05-23 82,719.84

Cypress Hills Provincial
Park (Mechanical
& Electrical Work)
Stark Plumbing
& Heating Ltd. 85-04-11 54,248.05

Cypress Hills Provincial
Park Seasonal Staff
Housing Area
Stark Plumbing
& Heating Ltd. 85-10-22 246,742.79

Cypress Hills Provincial
Park (Tree Replacement-
Landscape Development)
Alpha Better
Landscaping Ltd. 85-11-06 21,025.00

Cypress Hills Provincial
Park (Water Supply
— Manganese Problem)
Quinn Construction Ltd. 86-03-31 5,369.00

Cypress Hills Provincial
Park (Water Tank
Winterization)
D & H Construction Ltd. 85-04-11 115,519.27

Devon

Coal Research Centre
(Sidewalk Repair)
Automated Concrete Ltd. 85-08-19 7,182.00

Coal Research Centre
(Landscape Development)
Economy Landscape
Contractors Ltd. 85-09-30 11,330.00

Coal Research Centre
(Modifications to Utilities)
Superline Excavation Ltd. 85-11-08 7,292.25

Coal Research Centre,
Interior Signage
Corcom Systems Ltd. 85-07-18 4,905.00

Coal Research Centre,
Phase III, High Head
Laboratory
B & B Developments Ltd. 85-04-15 2,661,356.42

Landscape Irrigation
(Coal Research Centre
— Devon)
Green Thumb
Irrigation Ltd. 85-09-12 13,255.05

Didsbury

Treasury Branch,
Renovations
R.W.K. Construction
Co. Ltd. 85-05-31 81,017.88

Donnelly

Transportation Depot
Wolski Building
Contractors Ltd. 86-03-12 776,153.07
Transportation Depot
Off-site Services
Estabrook
Construction Ltd. 85-06-04 70,992.46

Drayton Valley

Miscellaneous Projects,
Disposal of Emergency
Measures Building
Arrow Demolition
International Inc. 85-08-31 2,310.00

Drumheller

Contract #7, Display Hall
Lighting Distribution Grid
& Public Address Conduit
Concept Electrical
Management Ltd. 85-05-24 206,805.29

**Contract #6, Display Area
Infrastructure**

OMSAC
Developments Ltd. 85-04-04 573,011.13
Courthouse, Courtroom
Lighting Alterations
Peevey Electric Ltd. 85-11-29 3,765.00

**Courthouse, Legal
Reference Library
Alterations**

Golden Oaks Carpentry 86-02-19 21,814.98
Transportation Depot New
Salt Shed & Related
Greene Construction
(1981) Ltd. 85-11-08 109,051.10

**Tyrrell Museum of
Palaeontology Contract
No. 5 —**

**Palaeoconservatory
Suntropicals** 85-10-29 285,765.90
Tyrrell Museum of
Palaeontology
PCL-Maxam A Joint
Venture 85-11-29 16,104,575.21

**Tyrrell Museum of
Palaeontology, Contract
#12, Display Lighting
Controls**

Concept Electrical
Management Ltd. 85-08-30 172,700.00
Tyrrell Museum of
Palaeontology, Safety Rails
to Palaeoconservatory
Reggin Industries Ltd. 86-02-27 7,399.00

Edmonton

Alberta Research Council
(A.R.C.) Contract #4,
Phase I, New
Administration
& Laboratory Buildings
Carlson Construction
Company 85-10-18 27,423,499.78

**A.R.C., Contract #13
(Millwoods), Phase I,
Electronics Test Centre**
Camwil Contracting Ltd. 85-11-18 652,942.62

**A.R.C., New Facilities
(Millwoods), Phase I,
Biotechnology Pilot Plant**
Schendel Plumbing
& Heating Ltd. 85-05-14 1,013,621.70

**A.R.C., Phase I, New
Admin. & Lab. Bldgs.
(Elect. Equipment
& Wire Testing)**
AME Engineering 85-08-30 1,050.00

**A.R.C., Phase I, New Lab.
& Admin. Bldgs. #9,
Controlled Storage
Facilities**
Binder Construction
Limited 85-06-20 620,772.64

**Alberta Forest Service
Depot (Sidewalk
Construction)**
**D & H Concrete
Services Ltd.** 85-11-27 6,554.40

Alberta Forest Service
Depot, Office
Development
Delnor Construction Ltd. 85-07-07 147,108.03

**Alberta Tree Nursery
Drainage Improvements
Ras-Dam**
Construction Ltd. 85-12-06 71,013.30

Alberta Tree Nursery
& Horticulture Centre
(Arboretum Fencing)
Phoenix Fence Co. Ltd. 85-11-21 4,664.44

**Alberta Tree Nursery,
Administration Office
Building**
**Steve Ferenc
Construction Ltd.** 86-01-21 344,450.22

Alberta Tree Nursery,
Header House Addition
Edmonton
Refrigeration Ltd. 85-04-29 30,700.00

**A.R.C., Phase I, New
Admin. & Lab. Bldgs.,
Casework & Related
Items #10**
**Pentagon Building
Corporation Ltd.** 86-02-20 1,596,365.09

Blood Transfusion Service
Building
PCL — Maxam A Joint
Venture

85-05-17 11,127,687.60

Chemical Storage
& Support Services
Building

Pentagon Building
Corporation Ltd.

85-09-09 2,031,118.30

City View Group Home,
Washroom Alterations
Buy-Rite Services

85-10-07 8,027.48

Correctional Centre,
New Fence and Access
Lane Paving

O'Hanlon Paving Ltd.

85-11-19 35,284.08

Correctional Centre,
Security Upgrading,
Intrusion Detection System
Jactar Electric Ltd.

85-11-15 38,412.00

Delton Group Home,
Washroom Alterations
Buy-Rite Services

85-10-07 12,619.38

Eric Cormack Centre
(Upgrade Mechanical
System)

Southridge
Construction Ltd.

85-09-25 701,050.17

Eric Cormack Centre,
Upgrade Mech. System
(Replacement of
Existing Windows)

Aacro Building
Products Ltd.

86-02-20 90,019.00

Fish & Wildlife Division
— Lambton Park
Warehouse Site
Improvements

Standard General
Construction Ltd.

85-11-06 142,827.95

Government Complex,
University Farm Area
Utility Services & Building
Relocations

Land Tec Landscape
Contractors Ltd.

85-07-04 27,215.10

Government Complex,
University Farm Area Site
Development and
Landscaping

Sherylbrook Landscape
Contractors Ltd.

85-07-10 2,720.00

Hilltop House, Small
Basement Storage Facility
Delnor Construction Ltd.

86-03-19 11,513.00

Interim Secure Custody
(Young Offenders Act),
Receiving & Detention
Centre, Various
LJM Contracting Ltd.

86-03-12 35,676.29

Law Courts Addition,
Phase V Contract D,
Washroom & Control Room
Renovations

Danwood Interiors Ltd.

85-04-15 14,611.20

Law Courts Addition,
Phase V, 6th Floor
Washroom Door
Relocations

Saval Developments Ltd.

85-06-27 1,350.00

Law Courts Addition,
Phase VI Cafeteria
Table Tops

Coveco

Manufacturing Ltd.

85-12-16 20,806.70

Law Courts Addition,
Phase VI Cafeteria
Completion

Ericstad Construction Ltd.

86-02-05 726,221.34

Law Courts Addition,
Renovations for Youth
Court

Klein Construction Ltd.

85-04-02 29,085.30

Legislature Annex
(Old Agriculture Bldg.),
Contract #2, Mech. System
Upgrading

Southridge
Construction Ltd.

85-10-08 750,338.72

Legislature Grounds,
Phase I, 107 Street

Guardrail Addition
Acumen Steel Products

85-11-07 5,552.00

Legislature Grounds
(Sewer Improvements)
Kran Construction Ltd.

85-04-02 166,074.99

Legislature Grounds,
South Parkade
Traffic Topping
Descoco Coating of
Alberta Ltd.

85-10-09 165,555.00

McLeod Building,
Renovations to Upper Roof
Eden Construction Ltd.

86-01-15 119,365.00

Miscellaneous Demolition
Project, Various, Disposal
of Residence

McColman & Sons
Demolition Ltd.

85-07-15 3,795.00

Northern Alberta Jubilee
Auditorium (NAJA),
External Cladding
Retrofit, Phase 2

Supercrete, A Div. of
Canfarge Ltd.

86-02-11 2,441,257.00

NAJA, Heating Ventilation
& Air Conditioning, Sound
Lighting Control
Delnor Construction Ltd.

85-08-27 4,401.00

NAJA, Improvements to Audio & Lighting System (Spot Light Framing Etc.)				Research Council, Clover Bar (Fence Relocation)			
Eden Construction Ltd.	85-04-17	34,264.20		Custom Fence	85-06-05	1,185.00	
Office Bldg. & J.G. O'Donoghue Bldg. Install.				Restricted Development Area (Demolition & Removal)			
Central Monitoring & Control				Twin City Excavating Ltd.	85-11-15	13,200.00	
O. Hugot Enterprises Ltd.	85-06-06	81,798.41		Restricted Development Area PT. N.E.			
Office Bldg. U. of A. Farm Site, Additional Air Handling Unit,				25-51-24-W5 (Millwoods)			
Computer Rm.				J. Plazier Trucking & Excavating Ltd.	85-11-15	7,800.00	
Jewell-Dunseath Plumbing & Heating	86-01-29	33,539.97		Rosecrest Home, Enclosure of Entrance Ramps & New Sprinkler System			
Office Bldg. U. of A. Farm Site, Additional Air Handling Unit,				Delnor Construction Ltd.	85-06-21	97,181.32	
Basement Rm.				School for the Deaf, (Sewer Replacement)			
Jewell-Dunseath Plumbing & Heating	85-04-23	26,632.00		Eden Construction Ltd.	86-03-31	27,730.00	
Office Building, Multi-department, Tenant Layouts (8th Floors)				School for the Deaf, Elevator 1984			
Danwood Interiors Ltd.	85-06-13	152,677.82		Eden Construction Ltd.	85-12-20	311,037.84	
Office Building, Multi-department, 97 Street (9th Floor Renovations)				Sir Frederick W. Haultain Building (Mechanical Modifications)			
Danwood Interiors Ltd.	85-07-15	26,633.00		Lockerbie and Hole Co. Ltd.	85-05-08	100,667.12	
Office Building U. of A. Farm Site, Multi-department Mobile System & Security				Strathcona Science Park (Parking Lot Paving)			
PCL Construction Ltd.	85-11-17	17,345.00		O'Hanlon Paving Ltd.	85-11-19	43,292.96	
Old St. Stephen's College, Renovations to Boardroom				Surplus Sales Centre (Security Fencing)			
3rd Floor Lighting				McLellan Supply (Alberta) Ltd.	86-02-15	5,177.00	
Graham Electric Ltd.	85-05-03	4,427.47		Transportation Building Site Landscaping			
Old St. Stephen's College, Renovations to 3rd Floor, North & South Wings				Stuart Olson Contractors Ltd.	85-11-08	531,469.67	
H & S Business Enterprises Ltd.	86-01-17	123,147.21		Westfield Centre, Diagnostic Unit #2, Renovations			
Provincial Museum of Alberta, Mechanical Upgrades				— Miscellaneous Work			
Pentagon Building Corporation Ltd.	86-01-09	1,005,782.26		Trinity Woodworks & Construction Ltd.	85-11-04	10,826.00	
Queen's Printer Building, Renovations				Youth Development Centre (Young Offenders Act) Renovations Package #1			
Command Electric Ltd.	85-09-10	36,586.98		McLellan Supply (1984) Ltd.	85-08-22	218,622.51	
Remand Centre, Renovations				Youth Development Centre, (Y.O.A.)			
Inpro Interior Project Management	85-04-17	13,802.10		Renovation Package #4			
Rescue Training School				Krawford Construction Ltd.	85-06-05	153,063.17	
Chandos Construction Ltd.	85-07-16	175,630.04		Youth Development Centre, (Y.O.A.) Renovation Package #5			
Rescue Training School, Renovations				Jewell-Dunseath Plumbing & Heating Ltd.	86-01-21	486,733.75	
A.V. Carlson Constructors Ltd.	86-02-07	1,665,674.36					

Elk Island Park Vicinity			Contract #22, Prov.		
Ukrainian Cultural			Correctional Centre,		
Heritage Village (UCHV)			Mech. Contract,		
(Historic Landscape			Performance Testing		
— Site Preparation)			Strathcona		
Land Tec Landscape			Mechanical Ltd.	85-12-20	25,000.00
Contractors Ltd.	85-11-29	100,249.10	Contract #22, Prov.		
UCHV (Septic Tank			Correctional Centre,		
Replacement)			Mechanical Contract		
Hunka Construction Ltd.	85-12-06	11,168.00	Strathcona		
UCHV (Modifications to			Mechanical Ltd.		
Intake Facilities)			85-05-20 6,442,027.06		
Superline Excavation Ltd.	86-03-28	4,687.85	Contract #23, Prov.		
Elkwater			Correctional Centre, Elec.		
Transportation Depot New			Contract Performance		
Salt Shed and Related			Testing		
Braemar			Newland Contracting		
Developments Ltd.			(North) Ltd.		
85-11-22	90,702.30		85-12-20 8,617.00		
Fort Macleod			Contract #42, Prov.		
Courthouse,			Correctional Centre,		
R.I.T.E. Station			Painting, Various Areas		
Frans Feyter			Taylor Decorating Ltd.		
Construction Ltd.	85-07-19	1,884.00	85-05-06 162,522.00		
Head-Smashed-In Buffalo			Contract #44, Prov.		
Jump, Visitor Information			Correctional Centre,		
& Interpretive Centre			Ceramic & Quarry Tile,		
Drain Brothers			All Areas		
Construction Ltd.	85-05-16	111,279.28	Lorenzon Concrete Ltd.		
Renovations to			85-04-11 206,277.00		
Maintenance Facilities			Contract #46, Prov.		
J.W. Feltin Heating			Correctional Centre,		
& Air Cond.			All Areas Carpet		
85-07-04	33,525.00		& Sheet Flooring		
Fort McMurray			Monarch Floors		
Forest Headquarters			(1953) Ltd.		
(Athabasca) Handicapped			85-05-09 316,454.70		
Access			Contract #52, Prov.		
Green Forest Builders Ltd.	85-11-13	36,220.00	Correctional Centre,		
Driver Examination Office,			Scissor Lift		
Lighting			Argo Engineering Ltd.		
Commercial Electric			85-05-10 9,667.00		
Co. Ltd.	85-10-29	3,494.00	Contract #53, Prov.		
Interpretive Centre,			Correctional Centre,		
Interior Signage			Washroom Accessories		
Corcom Systems Ltd.			DM Hardware Alberta		
85-09-06	6,255.00		Limited		
Fort Saskatchewan			85-05-09 46,800.00		
Now Correctional Centre			Contract #56, Prov.		
Site Grading			Correctional Centre,		
Arthur A. Voice			Gymnasium Equipment		
Construction Co. Ltd.	85-11-20	912,207.22	& Bleachers		
Gleichen			Hussey Seating		
Transportation Depot New			Co. Canada Ltd.		
Salt Shed and Related			85-04-17 17,227.00		
Braemar			Contract #58, Prov.		
Developments Ltd.	85-11-22	105,760.55	Correctional Centre,		
Grande Cache			Double Acting Doors		
Contract #11, Prov.			Thermo Design		
Correctional Centre, Cell			Insulation Ltd.		
Doors, Frames & Hardware			85-05-24 1,951.00		
H. Weizel and			Contract #61, Prov.		
Associates Ltd.	85-04-16	497,516.40	Correctional Centre, Chalk		
			& Tackboards		
			Modern Architectural		
			Specialties Ltd.		
			85-05-10	5,446.00	

Contract #67, Prov. Correctional Centre, Reclamation (Hydroseeding) Noble Landscapes & Tree Farms Ltd.	86-01-23	31,364.00	Renovations and Improvements Landscape Development K. Shaw & Sons Contracting Ltd.	85-06-21	61,639.88
Contract #67, Prov. Correctional Centre, Landscaping Clareview Landscaping Ltd.	85-07-18	276,125.00	Youth Assessment Centre, Shop Addition, Re-tender of Deficiency Clean-up K. Shaw & Sons Contracting Ltd.	85-07-18	10,786.35
Contract #71, Prov. Correctional Centre, Gravel Roadways & Parking Areas Pat Garrett General Trucking Ltd.	85-07-24	224,031.43	Grouard Alberta Vocational Centre, Renovations & Code Requirements Upgrade Aman Building Corporation	86-02-11	349,303.33
Contract #74, Prov. Correctional Centre, Cell Fittings Actiplast Industries Ltd.	85-04-24	415,490.00	High Prairie ALCB Store Binder Construction Limited	85-07-12	677,979.11
Contract #76, Prov. Correctional Centre, Security Sliding Doors Steel-Craft Door Products Ltd.	85-04-12	223,647.00	Provincial Building, Demolition Visco Rentals & Contractors Ltd.	86-01-06	38,350.00
Contract #80, Prov. Correctional Centre, Special Floor Coatings J. Mason and Sons Ltd.	85-05-02	137,410.00	Hinton Courthouse, Renovations to Courtroom Lighting & Doors Tredwin Construction Ltd.	85-06-03	16,236.00
Contract #84, Prov. Correctional Centre, Portable Folding Stage A.C. Johnson Agencies Ltd.	85-04-29	3,410.90	Forest Technology School, Dining Room Renovations H. & S. Business Enterprises Ltd.	85-05-10	62,591.96
Prov. Correctional Centre, Miscellaneous Concrete Work, Administration Area Stuart Olson Contractors Ltd.	85-10-18	75,664.49	Forest Technology School, Upgrading of Lecture Theatre Norwest Steel Buildings Ltd.	86-03-13	27,101.87
Provincial Correctional Centre, Contract #85 Sherwood Park Paving Ltd.	85-07-31	571,820.53	Forest Technology School, Upgrading of Lecture Theatre, Lecture Rm. Seating Allwest Institutional Furnishings	86-03-13	16,921.00
Provincial Correctional Centre (Contract #85 — On-site & Off-site Paving) Forestland Ready Mix	85-10-22	20,650.25	Renovations to Existing Facilities, Various — Courthouse, Glazed Partition Tredwin Construction Ltd.	86-03-03	3,099.40
Grande Prairie Driver Examination Office, Lighting Cookshaw Electric (1975) Ltd.	85-11-08	3,285.00	Jasper Provincial Building, Courtroom Lighting Renovations Jasper Woodworking	85-04-15	7,910.90
Forest Headquarters, Pilot Storage Building & Water Service Lavergne Construction Ltd.	85-10-09	54,833.00	Judy Creek Minimum Security Correctional Camp Upgrading of Site Services Fagnan Backhoe Ltd.	85-10-01	22,752.50

Kananaskis

Mount Kidd Recreation
Vehicle Park (Garage/Dry
Storage Building)
Fenka Construction Ltd. 85-06-03 68,795.17

Keho

Keho Lake Project
Relocation of Farmstead
Sonmor Excavating Ltd. 85-10-30 178,101.85

Lac La Biche

Alberta Opportunity
Corps (Site Services for
Classroom)
Gerald's Backhoe
Service Ltd. 85-05-03 8,685.00

Alberta Vocational Centre
(AVC), Contract #6, Child
Care Training Centre
(Plumbing Repairs)
Schendel Plumbing
& Heating Ltd. 85-07-23 31,156.32

AVC, Contract #6, Child
Care Training Centre
(Painting Walls
& Insulation)
Fred Stabel Painting Ltd. 85-07-30 8,878.00

AVC, Contract #6, Child
Care Training Centre,
Freeze-up Repairs
Fact Consulting Ltd. 85-07-23 25,303.00

Beaver Lake Correctional
Centre (Upgrade Sewage
Disposal)
Little Mountain
Enterprises Ltd. 85-11-13 78,611.84

Contract #7, AVC, Hard
Landscaping
Antioch Construction
Corp. 85-10-15 1,654,027.91

Regional Parks Workshop
(Installation of Sanitary
Sewer Main)
Little Mountain
Enterprises Ltd. 35-10-03 19,804.89

Treasury Branch,
Renovations for Total
Service
Watson Tofield (1973) Ltd. 85-12-05 35,254.56

Leduc

Artificial Insemination
Swine Centre (Sanitary
Sewer Connection)
Kran Construction Ltd. 85-11-29 38,812.30

Lethbridge

Agriculture Research
Centre (Paving of Access
Road)
Tollestrup Construction
Co. Ltd. 85-10-22 28,705.80

Correctional Centre,
Security Fire Hose
Cabinets Door Pulls
Gillett Construction Ltd. 85-10-18 1,525.00

Courthouse

(Courtroom Lighting)
Parsons Electric
(1975) Ltd. 85-07-29 16,882.00

Courthouse, Piezometer
Test Pipe Capping and
Venting
City Plumbing (Leth) Ltd. 85-06-04 1,003.00

Lloydminster

Travel Information Centre
Watson Tofield (1973) Ltd. 85-04-25 689,203.04

Travel Information Centre
(Access Road)
ASL Paving Ltd. 85-05-16 27,301.56

Medicine Hat

Courthouse
(Relocate & Service)
Big Island
Construction Ltd. 85-06-03 31,882.00

Millet

ALCB Store
Draginda
Construction Ltd. 86-02-11 235,483.84

Morinville

Provincial Building
Forest Contract
Management Ltd. 85-05-03 2,918,496.21

Provincial Building
(Landscape Development)
Economy Landscape
Contractors Ltd. 85-10-04 50,317.93

Renovations to
Maintenance Facilities,
Various, Storage Shed
Crossroads Contracting
Company 85-12-17 42,927.00

Mount Allan

Nakiska Ski Area at Mount
Allan (Base Area
Subsurface Drainage)
Whissell Engineering Ltd. 85-06-28 12,881.30

Nakiska Ski Area at Mount
Allan (Domestic Water
Pump)
Quasar Mechanical Ltd. 85-06-07 24,098.51

Nakiska Ski Area at Mount
Allan (Substation Access
Road and Pad)
Tricat Enterprises Ltd. 85-07-29 25,528.80

Nakiska Ski Area at Mount
Allan Ski Trail Clearing
Tricat Enterprises Ltd. 85-09-05 607,232.30

Nakiska Ski Area at Mount
Allan Off-site Sewer and
Main Water Line
Whissell Engineering Ltd. 85-06-14 466,078.55

Nakiska Ski Area at Mount Allan Base Area			
— Utilities			
Sonmor Excavating Ltd.	85-05-13	401,588.34	
Nakiska Ski Area at Mount Allan Base Area Standard General Construction Ltd.			
	85-08-16	300,083.66	
Nakiska Ski Area at Mount Allan Downhill Ski Trail			
— Modifications #1			
Kev-Rich Construction Ltd.	85-09-30	90,678.00	
Nakiska Ski Area at Mount Allan Downhill Ski Trail			
— Modifications #2			
Kev-Rich Construction Ltd.	85-11-22	41,562.95	
Nakiska Ski Area at Mount Allan (Ski Lift Signs)			
Hi Signs			
Manufacturing Ltd.	85-10-29	3,082.43	
Nakiska Ski Area at Mount Allan Asphalt Paving			
Metro Paving Ltd.	85-11-04	8,540.00	
Nakiska Ski Area at Mount Allan (Scoreboard Foundations)			
J.A. Paul Construction	85-10-31	52,665.32	
Nakiska Ski Area at Mount Allan Ski Lifts			
Doppelmayr Lifts Ltd.	85-12-18	4,273,217.16	
Nakiska Ski Area at Mount Allan Snowmaking System			
A.V. Carlson			
Constructors Ltd.	86-03-24	2,094,710.51	
Nakiska Ski Area at Mount Allan (Water Well)			
Stanley Associates			
Engineering Ltd.	86-03-31	37,480.00	
Mountainview			
Mountainview Regional Water System (Anthony Henday Water Plant)			
Border Paving Ltd.	85-11-01	68,725.00	
Nakiska			
Base Lodge Building (Foundations)			
Penn-Co Construction	85-04-15	196,138.93	
Maintenance Building			
Greene Construction (1981) Ltd.			
	85-06-18	346,083.03	
Nordegg			
Provincial Correctional Camp Trailers			
Roz Con Construction Ltd.	85-05-08	108,672.55	
Provincial Correctional Camp Trailers			
ATCO Structures			
	85-04-11	53,447.52	

Okotoks			
ALCB Store			
Stuart Olson Industrial Contractors Ltd.			
	85-12-06	499,375.92	
Oyen			
Special Areas Board, Office Building			
Wayne Kenny Construction Ltd.			
	86-01-23	361,675.39	
Peace River			
Correctional Centre, Vocational Workshop, Upgrading Security Doors			
Odessa Distributors Ltd.	85-11-13	5,267.22	
Forestry Headquarters (Yard Paving)			
Wapiti Gravel Suppliers	85-10-08	66,036.00	
Pincher Creek			
Three Rivers Dam Project (Disposal of Glass Property Building)			
AFDAHL's Excavating & Trenching			
	86-02-07	4,975.00	
Three Rivers Dam Project (Disposal of Lower Glacier Park Company Property Bldg.)			
V.L.C. Holdings	86-03-25	1,843.00	
Ponoka			
Provincial Building Upgrade Existing Parking Lot			
Horseshoe Paving Ltd.			
	85-11-28	57,282.65	
Renovations to Existing Court Bldgs., Upgrade Existing to Present Standards			
Sommer Bros. Contractors Ltd.			
	85-06-17	25,516.25	
Provost			
Fish & Wildlife District Warehousing (Upgrading)			
Ko-Gan Construction Ltd.	85-08-09	59,799.34	
Red Deer			
ALCB Store (Alternate A)			
Omex Construction Corporation Ltd.			
	85-12-16	697,702.71	
Access Ramp for Handicapped at Bower Place — Portable Early Childhood Services Classroom			
Master Woodcraft	85-12-30	3,429.00	
Michener Centre, Upgrade Resident Facilities, Elect. 25KV Service Extension			
Newland Contracting (South) Ltd.			
	86-01-14	182,920.87	

Michener Centre, Upgrade Resident Facilities, Elevator/Laundry Addition	Timcon Construction Ltd.	85-09-24	403,696.14	Poundmaker Nechi Centre, Electrical Modifications	High Line Minuteman Elec. Constructors	86-03-03	32,350.00
Michener Centre, Upgrade Resident Facilities, Ventilation System Upgrading	Tarad Industries Ltd.	85-12-20	595,466.17	Provincial Building	Omsac Developments Ltd.	85-08-30	4,962,774.93
Miscellaneous Demolition Projects, Disposal of Snell Residence	Bettenson's Sand & Gravel Co. Limited	85-12-23	4,665.00	St. Paul			
Rocky Mountain House				Correctional Centre, New Gymnasium Flooring	Craftsman Floors (Alta.) Ltd.	85-09-24	21,100.00
Provincial Building (Supplementary Parking Space)	Border Paving Ltd.	85-05-31	31,949.75	Provincial Building (Parking Development)	Car-Quells	85-10-22	49,224.60
Provincial Building (Supplementary Parking Space — Old Dairy Site)	Border Paving Ltd.	85-11-28	47,219.00	Public Lands Division Warehouse (Fish & Wildlife Compound Area)	Bert Pratch Construction Ltd.	85-04-09	32,988.00
Provincial Building, Cleaning Ductwork & Install Access Doors	Ram-Aire Industries Ltd.	85-07-20	23,500.00	Stettler			
Rycroft				Fish & Wildlife District Warehousing (Upgrading)	Saracen Construction (1974) Ltd.	85-06-26	25,553.00
Treasury Branch, Exterior Deficiency Clean-up	Lavergne Construction Ltd.	85-08-07	27,704.00	Vancouver			
Treasury Branch, Interior Deficiency Clean-up	K. Shaw & Sons Contracting Ltd.	85-04-15	1,480.00	Alberta Pavilion, Expo '86, Construction Component	V.K. Mason Construction Ltd.	85-11-28	2,644,181.51
Scott Lake				Various Locations			
Transportation Depot New Salt Shed and Related	Gil Hansen & Co. General Contractors Ltd.	85-11-22	128,748.67	Fish & Wildlife District Warehousing (Stony Plain — Fallis Cabin)	Ray Silvester Enterprises	85-12-27	3,450.00
Sherwood Park				Fish & Wildlife District Warehousing (Stony Plain — Fallis Cabin)	Continental Backhoe Services Ltd.	86-02-13	3,730.00
Transportation Depot	Pentagon Building Corporation Ltd.	85-12-16	1,283,716.58	Government Buildings (Forestry Yard — Peace River)	Adomi Construction Inc.	85-06-28	98,185.76
Smoky Lake				Landscape Irrigation (Provincial Building — Wainwright)	Allegro Irrigation Systems Ltd.	85-09-15	17,250.00
Pine Ridge Forest Nursery (Pre-settlement Reservoir)	Fort Services & Ditching Ltd.	85-10-08	186,706.50	Landscape Irrigation (Provincial Building — Rimbey)	Red Deer Turf Irrigation Ltd.	85-09-20	10,584.83
St. Albert				Landscape Irrigation (Courthouse — St. Albert)	The Rain Man Plumbing Ltd.	85-09-10	13,669.80
Courthouse, Repair Work to Brick Veneer	Friese Management & Development Ltd.	85-10-17	9,497.08	Landscape Irrigation (New Courthouse — Drumheller)	Eljay Irrigation Ltd.	85-09-26	15,679.00

Landscape Irrigation (Forest Headquarters — Grande Prairie)				Portable Classroom Facilities (Site Services — Youngstown School)		
AP Irrigation Systems Ltd.	85-10-11	25,055.50		Lyle Grover & Sons Construction Ltd.	85-10-09	6,500.00
Landscape Irrigation (Law Centre Area — Edmonton)				Renovations & Improvements (Eric Cormack Centre — Edmonton)		
Green Thumb Irrigation Ltd.	85-11-15	30,838.33		Crown Paving and Engineering	85-09-25	10,548.32
Landscape Irrigation (Provincial Building — Peace River)				Renovations & Improvements (Government Hangar — Edmonton)		
Allegro Irrigation Systems Ltd.	85-11-08	44,712.90		Crown Paving and Engineering	85-10-25	16,042.77
Miscellaneous Demolition Projects (Lakeside Comm. Corr. Centre — Lethbridge)				Renovations & Improvements (Wood's Christian Home — Calgary)		
Coaldale Nurseries Ltd.	85-06-13	11,040.00		Big Island Construction Ltd.	85-06-10	6,825.00
Miscellaneous Demolition Projects (Youngstown Home — Youngstown)				Renovations to Maintenance Facilities, Electric Door Openers Sims Garage Door Co. (1977) Ltd.	85-12-19	29,178.00
Getaway Landscaping Ltd.	85-07-10	3,386.00		Renovations to Maintenance Facilities, (Mod. to Salt Pipes) (Transportation Yards — Clyde)		
Off-site Service Charges (Alberta Hospital — Edmonton)				Big Island Construction Ltd.	85-04-15	16,289.00
Westridge Marketing Services	85-10-28	5,207.14		Site Development (Transportation Yards)		
Off-site Service Charges (Alberta Hospital — Edmonton)				South Rock Ltd.	85-06-27	62,052.59
Sumcon				Site Development (Transportation Yards — Alix & Lacombe)		
Waterproving Ltd.	85-07-25	2,250.00		Town & Country Paving Ltd.	85-11-07	86,444.30
Portable Classroom Facilities				Site Development (Transportation Yards — Kananaskis)		
ATCO Structures	85-10-10	263,493.00		Metro Paving Ltd.	85-05-08	4,242.04
Portable Classroom Facilities (Site Services — Millwoods Christian)				Site Development (Transportation Yard — Vermilion)		
Ray Silvester Enterprises	85-09-16	9,246.00		Soldan Fence & Metals Ltd.	86-03-20	16,654.95
Portable Classroom Facilities (Site Services — Bower Place School)				Site Development (Transportation Yards — Caroline, Castor)		
Roz Con Construction Ltd.	85-09-10	5,915.00		Border Paving Ltd.	85-06-04	75,844.46
Portable Classroom Facilities (Relocate Classroom from Calgary)				Site Development (Transportation Yard — Camrose)		
Big Island Construction Ltd.	85-09-16	20,200.00		Jubilee Construction Ltd.	85-10-18	11,187.70
Portable Classroom Facilities (Site Services — Fort Saskatchewan)						
Ray Silvester Enterprises	85-10-07	21,182.00				
Portable Classroom Facilities (Renovate, Relocate and Service)						
Big Island Construction Ltd.	85-10-01	21,245.97				

Vegreville

Alberta Environmental
Centre, Computer Cabling
R & T Electric
Services Ltd. 85-04-11 11,673.00

**Alberta Environmental
Centre, Laboratory
Facilities, 1984**

Southridge
Construction Ltd. 85-11-29 484,767.00

**Alberta Environmental
Centre, Waste Incinerator
Building**

Dineen Construction
Limited 86-03-27 690,405.14

Vermilion

Provincial Building,
Sidewalk and Curb Repair
F & S Construction 85-11-07 161,045.20

Westlock

Treasury Branch,
Renovations for Total
Service
Delnor Construction Ltd. 85-12-02 38,297.50

Wetaskiwin

Court of Queen's Bench,
Furniture and Spectator
Benches
Edmonton Millwork Ltd. 85-12-17 44,102.00

Courthouse (Additional
Parking — Phase I)
Border Paving Ltd. 85-11-07 37,256.03

**Courthouse Renovations
H & S Business
Enterprises Ltd.**

86-02-14 235,347.64
Provincial Building
(Landscape Drainage
Improvements)
Burmat Plumbing
& Heating Ltd. 85-11-06 6,340.00

**Reynolds Museum, Phase
I, Storage Structure**

Ren-Dex Construction Ltd. 85-05-22 629,858.65

**Reynolds Museum, Storage
Structure Phase 2**

R.W.K. Construction
Co. Ltd. 85-12-13 957,086.24

**Transportation Depot
Trend Construction Ltd.**

85-04-19 646,730.51
Transportation Depot,
Salt Shed

Condor Constructors Ltd. 85-06-26 58,940.00

**Wetaskiwin Centre,
Addition and Alterations
Tarad Industries Ltd.**

85-07-29 170,030.90

Whitecourt

Forest Headquarters, Jet B
Fuel System, Dust
Collector & Mech.
Modification

Peace River Heating
(1971) Ltd. 86-03-27 77,170.95

Youngstown

Miscellaneous Demolition
Projects, Disposal of
Pleasantview Home,
Completion

Gil Hansen & Co. 85-07-11 3,375.00

Miscellaneous Demolition
Projects, Disposal of
Pleasantview Home
Bell B.I. Excavating

85-05-24 8,886.87

Vehicle Service Shop
(Conference Room)
Greene Construction
(1981) Ltd.

86-01-23 113,506.37

Youngstown Home
(Post-occupancy
Modifications)

Gil Hansen & Co. General
Contractors Ltd. 85-11-20 111,586.94

In total, 331 projects (including Site Development)
were accepted in the 1985-86 fiscal year with a
total dollar value of \$133,883,963.66.